

Connecting via winsock to STN  
Welcome to STN International! Enter x:x  
\* \* \* \* \* welcome to STN International \* \* \* \* \*  
\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:26:53 ON 30 OCT 2003

=> file BIOSCIENCE  
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED  
FILE 'ADISCTI' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Adis Data Information BV

FILE 'ADISINSIGHT' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Adis Data Information BV

FILE 'ADISNEWS' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Adis Data Information BV

FILE 'AGRICOLA' ENTERED AT 16:27:02 ON 30 OCT 2003

FILE 'ANABSTR' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 THE ROYAL SOCIETY OF CHEMISTRY (RSC)

FILE 'AQUASCI' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT 2003 FAO (On behalf of the ASFA Advisory Board). All rights reserved.

FILE 'BIOBUSINESS' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Biological Abstracts, Inc. (BIOSIS)

FILE 'BIOCOMMERCE' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 BioCommerce Data Ltd. Richmond Surrey, United Kingdom. All rights reserved

FILE 'BIOSIS' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'BIOTECHDS' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 THOMSON DERWENT AND INSTITUTE FOR SCIENTIFIC INFORMATION

FILE 'BIOTECHNO' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'CABA' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 CAB INTERNATIONAL (CABI)

FILE 'CANCERLIT' ENTERED AT 16:27:02 ON 30 OCT 2003

FILE 'CAPLUS' ENTERED AT 16:27:02 ON 30 OCT 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CEABA-VTB' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 DECHEMA eV

FILE 'CEN' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 American Chemical Society (ACS)

FILE 'CIN' ENTERED AT 16:27:02 ON 30 OCT 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2003 American Chemical Society (ACS)

FILE 'CONFSCI' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Cambridge Scientific Abstracts (CSA)

FILE 'CROPB' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 THOMSON DERWENT

FILE 'CROPU' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 THOMSON DERWENT

FILE 'DISSABS' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Proquest Information and Learning Company; All Rights Reserved.

FILE 'DDFB' ACCESS NOT AUTHORIZED

FILE 'DDFU' ACCESS NOT AUTHORIZED

FILE 'DGENE' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 THOMSON DERWENT

FILE 'DRUGB' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 THOMSON DERWENT

FILE 'DRUGLAUNCH' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 IMSWORLD Publications Ltd

FILE 'DRUGMONOG2' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 IMSWORLD Publications Ltd

FILE 'DRUGNL' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 IMSWORLD Publications Ltd

FILE 'DRUGU' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 THOMSON DERWENT

FILE 'DRUGUPDATES' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 IMSWORLD Publications Ltd

FILE 'EMBAL' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Elsevier Inc. All rights reserved.

FILE 'EMBASE' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Elsevier Inc. All rights reserved.

FILE 'ESBIOBASE' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'FEDRIP' ENTERED AT 16:27:02 ON 30 OCT 2003

FILE 'FOMAD' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Leatherhead Food Research Association

FILE 'FOREGE' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Leatherhead Food Research Association

FILE 'FROSTI' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Leatherhead Food Research Association

FILE 'FSTA' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 International Food Information Service

FILE 'GENBANK' ENTERED AT 16:27:02 ON 30 OCT 2003

FILE 'HEALSAFE' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Cambridge scientific Abstracts (CSA)

FILE 'IFIPAT' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 IFI CLAIMS(R) Patent Services (IFI)

FILE 'JICST-EPLUS' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Japan Science and Technology Corporation (JST)

FILE 'KOSMET' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 International Federation of the Societies of Cosmetics Chemists

FILE 'LIFESCI' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Cambridge Scientific Abstracts (CSA)

FILE 'MEDICONF' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (c) 2003 FAIRBASE Datenbank GmbH, Hannover, Germany

FILE 'MEDLINE' ENTERED AT 16:27:02 ON 30 OCT 2003

FILE 'NIOSHTIC' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 U.S. Secretary of Commerce on Behalf of the U.S. Government

FILE 'NTIS' ENTERED AT 16:27:02 ON 30 OCT 2003  
Compiled and distributed by the NTIS, U.S. Department of Commerce.

All rights reserved. (2003)

FILE 'NUTRACEUT' ENTERED AT 16:27:02 ON 30 OCT 2003  
Copyright 2003 (c) MARKETLETTER Publications Ltd. All rights reserved.

FILE 'OCEAN' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Cambridge Scientific Abstracts (CSA)

FILE 'PASCAL' ENTERED AT 16:27:02 ON 30 OCT 2003  
Any reproduction or dissemination in part or in full,  
by means of any process and on any support whatsoever  
is prohibited without the prior written agreement of INIST-CNRS.  
COPYRIGHT (C) 2003 INIST-CNRS. All rights reserved.

FILE 'PCTGEN' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 WIPO

FILE 'PHAR' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 PJB Publications Ltd. (PJB)

FILE 'PHARMAML' ENTERED AT 16:27:02 ON 30 OCT 2003  
Copyright 2003 (c) MARKETLETTER Publications Ltd. All rights reserved.

FILE 'PHIC' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 PJB Publications Ltd. (PJB)

FILE 'PHIN' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 PJB Publications Ltd. (PJB)

FILE 'PROMT' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Gale Group. All rights reserved.

FILE 'RDISCLOSURE' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Kenneth Mason Publications Ltd.

FILE 'SCISEARCH' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT 2003 THOMSON ISI

FILE 'SYNTHLINE' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 Prous Science

FILE 'TOXCENTER' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 ACS

FILE 'USPATFULL' ENTERED AT 16:27:02 ON 30 OCT 2003  
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 16:27:02 ON 30 OCT 2003  
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'VETB' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 THOMSON DERWENT

FILE 'VETU' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 THOMSON DERWENT

FILE 'WPIDS' ENTERED AT 16:27:02 ON 30 OCT 2003  
COPYRIGHT (C) 2003 THOMSON DERWENT

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s tau AND CSF AND ischemia  
35 FILES SEARCHED...  
L1 163 TAU AND CSF AND ISCHEMIA

=> DUP REM L1  
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,  
DRUGLAUNCH, DRUGMONOG2, DRUGUPDATES, FEDRIP, FOREGE, GENBANK, KOSMET,  
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.  
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE  
PROCESSING COMPLETED FOR L1  
L2 149 DUP REM L1 (14 DUPLICATES REMOVED)

=> D L2 1-149

AN 10394913 IFIPAT;IFIUDB;IFICDB  
TI METHODS AND COMPOSITIONS FOR PROMOTING ANGIOGENESIS  
IN Cao Renhai (SE); Cao Yihai (SE); LeBoulch Phillipe; Pawliuk Robert  
PA Genetix Pharmaceuticals Inc (60500)  
PI US 2003139333 A1 20030724  
AI US 2002-198917 20020719  
PRAI WO 2002-US1666 20020118  
FI US 2003139333 20030724  
DT Utility; Patent Application - First Publication  
FS CHEMICAL  
APPLICATION

CLMN 46  
GI 22 Figure(s).

FIG. 1 is a graph comparing levels of angiogenesis in the Matrigel model using a low dose of transduced cells encoding GFP alone (control), VEGF-A, VEGF-C, VEGF-D, bFGF or PDGF-BB. C57B1/10 mice were each injected subcutaneously into the abdominal with a low dose of  $3 \times 10^5$  retrovirally transduced autologous myoblast cells, suspended in 0.4 ml of Matrigel. Mice were sacrificed 13 days later and the Matrigel pellet and a section of the abdominal muscle adjacent to the pellet was removed. Samples were sectioned and the number of microvessels in the abdominal muscle was quantified by visual inspection of sections under the microscope. Shown is the number of microvessels per 10 high power fields counted. The most potent angiogenic effect was observed with VEGF-A, PDGF-BB and bFGF. Analysis of the dose response curve for PDGF-BB and VEGF-A transduced cells showed that PDGF-BB was more potent than VEGF-A at lower doses.

FIG. 2 is a graph comparing levels of angiogenesis in the Matrigel model using a high dose of cells transduced to express bFGF, VEGF-A and PDGF-BB. C57B1/10 mice were each injected with a high cell dose of  $2 \times 10^6$  retrovirally transduced autologous myoblast cells suspended in 0.4 ml of Matrigel. Mice were sacrificed 13 days later, the pellets were recovered, sectioned and the number of microvessels counted by visual inspection. Shown are the number of microvessels per 10 high power fields. At this cell dose, PDGF-BB was as potent as either bFGF or VEGF-A at stimulating angiogenesis.

FIG. 3 shows photographs of mouse corneas 6 days following the implantation of pellets coated with control saline (A), PDGF-BB (B), VEGF-A (C) or bFGF (D) alone. Bottom panels: Quantification of the angiogenic effect elicited by each factor. Vessel length (E), clock hours (F) and area (G) are shown.

FIG. 4(A) shows photographs of mouse corneas 6 days following the implantation of pellets coated with VEGF-A alone (left panel), bFGF (middle panel) or both factors combined (right panel). (B) shows the quantification of the angiogenic effect elicited by each growth factor in terms of clock hours (left panel), vessel length (middle panel) and area (right panel).

FIG. 5 (top panels) shows photographs of mouse corneas 6 days post-transplantation of pellets coated with bFGF alone (left panel) or bFGF combined with PDGF-BB (middle and right panels). Bottom panels show photographs of mouse corneas 6 days posttransplantation of pellets coated with either VEGF-A alone (left panel) or VEGF-A combined with PDGF-BB (right panel).

FIG. 6 is a graph comparing the quantification of angiogenesis in the mouse cornea model using PDGF-BB, VEGF-A or bFGF either alone or in combination. Corneal micropockets were created with a cataract knife in the eyes of 8-week old C57B1/6 mice. Into this pocket, aluminum sulfate pellets coated with between 80 and 160 ng of recombinant human PDGF-BB, VEGF-A, bFGF or combinations thereof were implanted and mice were monitored daily. A total of 5 mice were transplanted per group. The area of newly grown vessels was assessed 5 days post implantation. Mice implanted with control pellets showed no evidence of angiogenesis. When tested alone, bFGF stimulated the highest level of angiogenesis followed by VEGF-A and PDGF-BB. The level of angiogenesis stimulated by VEGF-A in combination with PDGF-BB was equivalent to that observed for bFGF alone. Unexpectedly, the most potent combination was PDGF-BB and bFGF. Of all combinations tested, PDGF-BB and bFGF together stimulated the greatest level of angiogenesis, significantly greater than that observed for VEGF-A and bFGF.

FIG. 7 is a schematic illustration of the experimental strategy to make heparin sepharose/alginate microcapsules. Heparin sepharose beads (Pharmacia: 50-150  $\mu$ m in size) are mixed with a solution of sodium alginate to a final concentration of 200 mg/ml. The heparin sepharose/alginate solution is then loaded into a 5 ml syringe and slowly injected into a coaxial airflow system constructed at Genetix. The coaxial air flow creates a mist of the heparin sepharose/alginate

hits the calcium solution the alginate becomes cross-linked, forming a solid gel capsule roughly in the shape of a sphere. The size of the microcapsules can vary greatly from 50-400  $\mu\text{m}$ . Large microcapsules (greater than 200  $\mu\text{m}$  in size) are removed from the capsule mixture using a 200  $\mu\text{m}$  sieve. Once formed the capsules are washed twice in sterile water and stored in buffer composed of 0.9% sodium chloride and 1 mM calcium chloride. Capsules are loaded with recombinant human PDGF-BB by incubation in binding buffer (0.9% NaCl, 1 mM  $\text{CaCl}_2$  and 0.05% gelatin) at 4 degrees C. overnight (\*16 hours) with gentle shaking. The next day the capsules are removed, washed twice in binding buffer and either cultured in vitro to determine the kinetics of PDGF-BB release or injected in vivo to assess angiogenesis. The efficiency of PDGF-BB uptake is quantified by ELISA of the binding buffer following removal of the capsules.

FIG. 8 is a graph showing that heparin sepharose/alginate capsules bind large amounts of recombinant human PDGF-BB. Shown is the amount of PDGF-BB absorbed by 3000 capsules following incubation with various quantities of growth factor. The amount of PDGF-BB remaining in the binding buffer following incubation with capsules was quantified by ELISA. Three thousand capsules were able to absorb at least 35  $\mu\text{g}$  of PDGF-BB representing 13 ng of PDGF-BB per capsule.

FIG. 9 is a graph showing that heparin sepharose/alginate microcapsules provide sustained and long term release of bound PDGF-BB at high levels in vitro. Ten  $\mu\text{g}$  of recombinant human PDGF-BB was incubated with three different types of test samples. The first test sample was composed of non-encapsulated heparin sepharose beads while the second and third groups were composed of alginate encapsulated heparin sepharose beads made using either a 1.2% or a 1.6% alginate solution.

FIG. 10 is a graph showing that PDGF-BB microcapsules potently stimulate angiogenesis in vivo in the stringent Matrigel model. Three thousand microcapsules loaded with 1  $\mu\text{g}$  or 10  $\mu\text{g}$  of PDGF-BB were mixed with 400  $\mu\text{l}$  of Matrigel and subcutaneously injected into the abdominal region of C57B1/10 mice. Thirteen days later mice were sacrificed, the pellets and a section of the adjacent abdominal muscle was removed, fixed, sectioned and the number of microvessels quantified by visual inspection of the sections under the microscope.

FIG. 11 is a graph showing that PDGF-BB microcapsules stimulate angiogenesis in infarcted rat hearts 3 weeks post-injection. Infarcted rat hearts were injected with 1600 microcapsules containing  $\mu\text{g}$  (control) or 18  $\mu\text{g}$  of PDGF-BB in a volume of 20  $\mu\text{l}$ . Three weeks post injection rats were sacrificed, hearts were removed, fixed, sectioned and the number of microvessels within the infarct region quantified by visual inspection under a microscope. Shown is the number of microvessels per 5 high power fields for recipients of control and PDGF-BB microcapsules.

FIG. 12 shows an analysis of cardiac function in rats injected with control vs. PDGF-BB microcapsules following myocardial infarction. Left ventricular pressure (LVP),  $\text{dP/dT}$ , neg  $\text{dP/dT}$  and  $\text{****tau****}$  were measured prior to sacrifice at 3 weeks post injection. Left ventricular pressure (LVP) is the maximum pressure in the left ventricle during contraction. The  $\text{dP/dT}$  variable is the first derivative of the pressure wave and is separately viewed for the upstroke ( $\text{dP/dT}$ ) and the downstroke (neg  $\text{dP/dT}$ ). The upstroke ( $\text{dP/dT}$ ) is a measure of contractility and reflects the condition of the muscle independent of the pressure. Neg  $\text{dP/dT}$  reflects the relaxation of the muscle, which together with the relaxation constant,  $\text{****tau****}$ , provides information on the stiffness of the ventricular wall following infarction. A significant improvement in all parameters was detected in rats injected with PDGF-BB microcapsules.

FIG. 13 is a graph showing that PDGF-BB and bFGF delivered by slow release microcapsules potently synergize to stimulate angiogenesis in vivo in the stringent Matrigel model. Three thousand microcapsules loaded with 1  $\mu\text{g}$  of bFGF were mixed with 400  $\mu\text{l}$  of Matrigel and subcutaneously injected into the abdominal region of C57B1/10 mice. Thirteen days later mice were sacrificed, the pellets and a section of the adjacent abdominal muscle was removed, fixed, sectioned and the number of microvessels quantified by visual inspection of the sections under the microscope.

FIG. 14 is a schematic illustration of the structure of various angiogenic expression plasmids. All vectors were constructed using the pCI vector backbone from Promega. All vectors contained the cytomegalovirus immediate-early enhancer/promoter region, a chimeric intron and the late poly adenylation signal from SV40. The cDNA encoding either human PDGF-BB, VEGF-A or bFGF was inserted into this vector downstream of the chimeric intron. A cDNA encoding for the mature PDGF-BB protein was cislinked to the secretory signal from the murine IgG kappa immunoglobulin light chain gene while the VEGF-A cDNA utilized its

secretory signal from the human Interleukin-2 cDNA. The level of angiogenic protein secreted from transiently transfected 293T cells, as assessed by ELISA, is shown to the right.

FIG. 15 is a comparison of angiogenic features of the PDGF family Micropellets of PDGF-AA (a), PDGF-BB (b) or PDGF-AB (c) were implanted into corneal micropockets of C57BL/6 mice. Corneal neovascularization was measured on day 5 after growth factor implantation. Arrows point to the implanted pellets. Photographs represent 20 x amplification of the mouse eye. Quantification of corneal neovascularization is presented as maximal areas of neovascularization (e). Graphs represent mean values (+SEM) of 11-16 eyes (6-8 mice) in each group. Nylon meshes containing PDGF-BB (g) or BSA (t) were implanted on CAMs of 6-d-old chick embryos. After 6-day implantation, the formation of new blood vessels was examined under a stereoscope. A CAM with a methylcellulose mesh containing BSA alone served as a negative control (f). New blood vessels and sprouts are marked with arrows in g. M=mesh.

FIG. 16 shows synergistic angiogenesis induced by bFGF and PDGFBB. Micropellets containing no growth factor (a), 160 ng PDGFBB (b), 160 ng VEGF (c), 160 ng PDGF-BB plus 160 ng VEGF (d), 80 ng FGF-2 (e), or 160 ng PDGF-BB plus 80 ng FGF-2 (f) were implanted into corneal micropockets of C57BL/6 mice. Corneal neovascularization was examined on day 5 after growth factor implantation. Arrows point to the implanted pellets. Photographs represent 20 x amplification of the mouse eye. Quantification of corneal neovascularization is presented as maximal vessel areas of neovascularization (g and h). Graphs represent mean values (+SEM) of 12-16 eyes (6-8 mice) in each group. Slow release microcapsules containing PDGF-BB alone, FGF2 alone, or PDGF-BB plus FGF-2 was subcutaneously injected into the abdominal region of C57BL/6 mice. Neovascularization was quantified by counting microvessels in histological sections under a microscope (i). At least 10 different fields were randomly counted.

FIG. 17 shows stability of blood vessels induced by micropellets containing 160 ng PDGF-BB, 40 ng FGF-2, 160 ng PDGF-BB plus 40 ng FGF-2, 160 ng VEGF, or 160 ng PDGF-BB plus 160 ng VEGF. Micropellets were implanted into mouse corneal micropockets. The corneal neovascularization was examined and photographed at the indicated time points. Arrows in indicate the implanted pellet. Asterisks indicate positions of pellets in those corneas that lost implanted pellets.

FIG. 18 shows corneal neovascularization after depletion of angiogenic factors. Angiogenic factors were implanted into corneal micropockets of C57BL/6 mice. Ten to twelve corneas were used in each group. At day 6 after implantation, the implanted angiogenic factors were removed. The corneal neovascularization was examined and photographed at the indicated time points. Arrows indicate the implanted pellet. Asterisks indicate former positions of removed pellets.

FIG. 19 shows graphs of vessel Maturation Index as percentages of mural positive vessels at day 5 (a), day 12 (b), and day 25 (c). Results are presented as mean determinants (+SEM) of 6-8 serial sections in each group (20 x).

FIG. 20 shows stimulation of collateralogenesis and improvement of blood perfusion by dual delivery of FGF-2/PDGF-BB. Panels a-d show day 23 after ligation of femoral artery (position marked with asterisks), angiograph analysis of ischemic hind limbs of PBS buffer-(a), FGF-2-(b), PDGF-BB-(c) and FGF-2/PDGF-BB-(d) treated groups. Arrows in panels b-d point to newly formed collaterals and arrowheads in b and d point to a direct comparison of vessel dilation of FGF-2- and FGF-2/PDGF-BB-induced collaterals. Panels f-n show anti-alpha-SMA staining of histological sections of PBS buffer-(f and g), FGF-2-(h and i), PDGF-BB-(and k) and FGF-2/PDGF-BB-(l-n) treated ischemic hind limb muscle tissues. Arrows in f-n point to newly formed arterial vessels. Panel o shows quantification of large vessel lumen areas (greater-than 700  $\mu$ m<sup>2</sup>) as % of total vessel lumen areas. Panel e shows laser Doppler analysis of hind limb paw blood perfusion.

FIG. 21 shows in situ detection of PDGFR-alpha and -beta on newly formed blood vessels. Mouse corneas implanted with FGF-2 (a,c and e) or PDGF-BB (b and d) were removed at day 5 after implantation. Bright-field photomicrographs of emulsion autoradiograms of corneal tissue sections hybridized with the oligonucleotide probes for mouse PDGFR-alpha (a and b) and beta (c and d) show labeled vascular endothelial cells and smooth muscle cells. A 50-mer random probe was used as a negative control in detection of FGF-2-induced corneal vessels (e). Panel f shows a schematic representation of the role of FGF-2/PDGF in blood vessel stability.

FIG. 22 shows the effect of PDGF-BB on heart tissue remodeling by improvement in endocardial regional wall motion with no increase in normalized wall thickening. Panel (a) shows the change in the extent of

similar result when the ratio of AUCtarget/AUCnon-target was used as measure of regional wall motion.!

L2 ANSWER 2 OF 149 USPATFULL on STN DUPLICATE 2  
AN 2003:120843 USPATFULL  
TI Pyrazole compounds useful as protein kinase inhibitors  
IN Davies, Robert, Arlington, MA, UNITED STATES  
Li, Pan, Arlington, MA, UNITED STATES  
PI US 2003083327 A1 20030501  
US 6610677 B2 20030826  
AI US 2001-952833 A1 20010914 (9)  
PRAI US 2000-232795P 20000915 (60)  
US 2000-257887P 20001221 (60)  
US 2001-286949P 20010427 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 8910  
INCL INCLM: 514/227.800  
INCLS: 514/235.800; 514/252.020; 514/252.030; 514/255.050; 514/256.000;  
514/275.000; 544/060.000; 544/120.000; 544/122.000; 544/238.000;  
544/295.000; 544/331.000; 514/241.000; 544/212.000  
NCL NCLM: 514/183.000  
NCLS: 514/217.050; 514/217.060; 514/233.500; 514/235.800; 514/236.200;  
514/236.500; 514/242.000; 514/245.000; 514/252.010; 514/252.020;  
514/252.030; 514/252.040; 514/252.050; 514/252.060; 514/252.110;  
514/255.050; 540/598.000; 540/601.000; 544/111.000; 544/112.000;  
544/113.000; 544/114.000; 544/120.000; 544/122.000; 544/179.000;  
544/182.000; 544/238.000; 544/357.000; 544/405.000  
IC [7]  
ICM: A61K031-541  
ICS: A61K031-5377; A61K031-506; C07D417-14; C07D413-14; C07D043-14  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 3 OF 149 USPATFULL on STN DUPLICATE 3  
AN 2003:93620 USPATFULL  
TI Pyrazole compounds useful as protein kinase inhibitors  
IN Knegtel, Ronald, Abingdom, UNITED KINGDOM  
Bebbington, David, Newbury Berkshire, UNITED KINGDOM  
Binch, Hayley, Oxon, UNITED KINGDOM  
Golec, Julian, Swinden, UNITED KINGDOM  
Patel, Sanjay, Oxon, UNITED KINGDOM  
Charrier, Jean-Damien, Bishop's Itchington, UNITED KINGDOM  
Kay, David, Purton Wiltshire, UNITED KINGDOM  
Davies, Robert, Arlington, MA, UNITED STATES  
Li, Pan, Arlington, MA, UNITED STATES  
Wannamaker, Marion, Stow, MA, UNITED STATES  
Forster, Cornelia, Pelham, NH, UNITED STATES  
Pierce, Albert, Somerville, MA, UNITED STATES  
PI US 2003064981 A1 20030403  
US 6613776 B2 20030902  
AI US 2001-952836 A1 20010914 (9)  
PRAI US 2000-232795P 20000915 (60)  
US 2000-257887P 20001221 (60)  
US 2001-286949P 20010427 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 8962  
INCL INCLM: 514/227.800  
INCLS: 514/235.800; 514/241.000; 514/252.030; 514/255.050; 514/256.000;  
514/333.000; 514/341.000; 514/252.020  
NCL NCLM: 514/300.000  
NCLS: 514/333.000; 514/303.000; 514/310.000; 514/314.000; 514/231.500;  
514/217.040; 514/217.050; 514/252.130; 514/320.000; 514/321.000;  
546/275.400; 546/276.100; 546/118.000; 546/135.000; 546/139.000;  
546/159.000; 546/193.000; 540/596.000; 544/111.000; 544/359.000  
IC [7]  
ICM: A61K031-541  
ICS: A61K031-5377; A61K031-506; A61K031-501; A61K031-498; A61K031-444;  
A61K031-4439  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 4 OF 149 USPATFULL on STN DUPLICATE 4  
AN 2003:79117 USPATFULL  
TI Pyrazole compounds useful as protein kinase inhibitors  
IN Davies, Robert, Arlington, MA, UNITED STATES

Golec, Julian, Ashbury, UNITED KINGDOM  
PI US 2003055044 A1 20030320  
US 6638926 B2 20031028  
AI US 2001-953505 A1 20010914 (9)  
PRAI US 2000-232795P 20000915 (60)  
US 2000-257887P 20001221 (60)  
US 2001-286949P 20010427 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 9881  
INCL INCLM: 514/217.050  
INCLS: 514/245.000; 514/227.800; 514/235.800  
NCL NCLM: 514/217.050  
NCLS: 544/209.000; 544/212.000; 544/113.000; 540/598.000; 514/236.050;  
514/245.000  
IC [7]  
ICM: A61K031-55  
ICS: A61K031-541; A61K031-5377; A61K031-53  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 5 OF 149 USPATFULL on STN  
AN 2003:283182 USPATFULL  
TI Pyrimidine-based compounds useful as GSK-3 inhibitors  
IN Choquette, Deborah, Medford, MA, UNITED STATES  
Davies, Robert J., Arlington, MA, UNITED STATES  
Wannamaker, Marion W., Stow, MA, UNITED STATES  
PI US 2003199526 A1 20031023  
AI US 2002-314905 A1 20021209 (10)  
PRAI US 2001-338857P 20011207 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2100  
INCL INCLM: 514/260.100  
INCLS: 514/263.210; 514/261.100; 514/265.100; 514/264.110; 544/254.000;  
544/255.000; 544/277.000; 544/276.000; 544/278.000; 544/279.000;  
544/280.000; 544/296.000; 514/256.000  
NCL NCLM: 514/260.100  
NCLS: 514/263.210; 514/261.100; 514/265.100; 514/264.110; 544/254.000;  
544/255.000; 544/277.000; 544/276.000; 544/278.000; 544/279.000;  
544/280.000; 544/296.000; 514/256.000  
IC [7]  
ICM: A61K031-52  
ICS: A61K031-519; C07D473-34; C07D491-02; C07D487-02

L2 ANSWER 6 OF 149 USPATFULL on STN  
AN 2003:283125 USPATFULL  
TI Combination of bryostatins and paclitaxel for treating cancer  
IN Schwartz, Gary K., Briarcliff Manor, NY, UNITED STATES  
Albino, Anthony P., New York, NY, UNITED STATES  
PA Sloan - Kettering Institute for Cancer Research (U.S. corporation)  
PI US 2003199469 A1 20031023  
AI US 2002-215178 A1 20020807 (10)  
RLI Continuation of Ser. No. US 1998-137442, filed on 20 Aug 1998, GRANTED,  
Pat. No. US 6444638 Continuation of Ser. No. WO 1997-US3341, filed on 20  
Feb 1997, PENDING Continuation-in-part of Ser. No. US 1996-619304, filed  
on 21 Mar 1996, ABANDONED Continuation-in-part of Ser. No. US  
1996-603814, filed on 20 Feb 1996, GRANTED, Pat. No. US 5821072  
DT Utility  
FS APPLICATION  
LN.CNT 5326  
INCL INCLM: 514/044.000  
INCLS: 514/410.000; 514/078.000; 514/449.000; 514/450.000; 514/211.080;  
435/007.230  
NCL NCLM: 514/044.000  
NCLS: 514/410.000; 514/078.000; 514/449.000; 514/450.000; 514/211.080;  
435/007.230  
IC [7]  
ICM: A61K048-00  
ICS: G01N033-574; A61K031-685; A61K031-551; A61K031-553; A61K031-407;  
A61K031-337

L2 ANSWER 7 OF 149 USPATFULL on STN  
AN 2003:282657 USPATFULL  
TI Diagnostic markers of stroke and cerebral injury and methods of use  
thereof



Dahlen, Jeffery, San Diego, CA, UNITED STATES  
 Kirchick, Howard J., San Diego, CA, UNITED STATES  
 Buechler, Kenneth F., Rancho Santa Fe, CA, UNITED STATES  
 PI US 2003199000 A1 20031023  
 AI US 2003-371149 A1 20030220 (10)  
 RLI Continuation-in-part of Ser. No. US 2002-225082, filed on 20 Aug 2002,  
 PENDING Continuation-in-part of ser. No. WO 2002-US26604, filed on 20  
 Aug 2002, PENDING  
 PRAI US 2001-313775P 20010820 (60)  
 US 2001-334964P 20011130 (60)  
 US 2002-346485P 20020102 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 4629  
 INCL INCLM: 435/007.100  
 INCLS: 435/287.200  
 NCL NCLM: 435/007.100  
 NCLS: 435/287.200  
 IC [7]  
 ICM: G01N033-53  
 ICS: C12M001-34  
  
 L2 ANSWER 8 OF 149 USPATFULL on STN  
 AN 2003:276726 USPATFULL  
 TI Method for identifying modulators of ion channels  
 IN Dubin, Adrienne, San Diego, CA, UNITED STATES  
 Chaplan, Sandra, San Diego, CA, UNITED STATES  
 Brown, Sean, Encinitas, CA, UNITED STATES  
 Kaftan, Edward, Mount Prospect, IL, UNITED STATES  
 PI US 2003194751 A1 20031016  
 AI US 2002-121759 A1 20020412 (10)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 1039  
 INCL INCLM: 435/007.200  
 INCLS: 514/012.000; 514/559.000; 435/069.100; 435/320.100; 435/325.000;  
 530/350.000  
 NCL NCLM: 435/007.200  
 NCLS: 514/012.000; 514/559.000; 435/069.100; 435/320.100; 435/325.000;  
 530/350.000  
 IC [7]  
 ICM: G01N033-53  
 ICS: G01N033-567; A61K038-18; C07K014-47; C12P021-02; C12N005-06;  
 A61K031-203  
  
 L2 ANSWER 9 OF 149 USPATFULL on STN  
 AN 2003:276720 USPATFULL  
 TI Cysteine mutants and methods for detecting ligand binding to biological  
 molecules  
 IN McDowell, Robert S., San Francisco, CA, UNITED STATES  
 Flanagan, W. Michael, Menlo Park, CA, UNITED STATES  
 PI US 2003194745 A1 20031016  
 AI US 2002-214419 A1 20020805 (10)  
 RLI Continuation-in-part of Ser. No. US 2001-981547, filed on 17 Oct 2001,  
 PENDING Division of Ser. No. US 1998-105372, filed on 26 Jun 1998,  
 GRANTED, Pat. No. US 6335155 Continuation-in-part of Ser. No. US  
 2001-990421, filed on 21 Nov 2001, PENDING Continuation-in-part of Ser.  
 No. US 2002-121216, filed on 10 Apr 2002, PENDING  
 PRAI US 2001-310725P 20010807 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 3109  
 INCL INCLM: 435/007.100  
 INCLS: 702/019.000  
 NCL NCLM: 435/007.100  
 NCLS: 702/019.000  
 IC [7]  
 ICM: G01N033-53  
 ICS: G06F019-00; G01N033-48; G01N033-50  
  
 L2 ANSWER 10 OF 149 USPATFULL on STN  
 AN 2003:271082 USPATFULL  
 TI Antibodies that immunospecifically bind to trail receptors  
 IN Salcedo, Theodora, Montgomery Village, MD, UNITED STATES  
 Ruben, Steven M., Brookeville, MD, UNITED STATES

Albert, Vivian R., Rockville, MD, UNITED STATES  
 Dobson, Claire, Cambridge, UNITED KINGDOM  
 Vaughan, Tristan, Cambridge, UNITED KINGDOM  
 PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)  
 PI US 2003190685 A1 20031009  
 AI US 2002-139785 A1 20020507 (10)  
 PRAI US 2001-293473P 20010525 (60)  
 US 2001-294981P 20010604 (60)  
 US 2001-309176P 20010802 (60)  
 US 2001-323807P 20010921 (60)  
 US 2001-327364P 20011009 (60)  
 US 2001-331044P 20011107 (60)  
 US 2001-331310P 20011114 (60)  
 US 2001-341237P 20011220 (60)  
 US 2002-369860P 20020405 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 11875  
 INCL INCLM: 435/007.230  
 INCLS: 530/388.220  
 NCL NCLM: 435/007.230  
 NCLS: 530/388.220  
 IC [7]  
 ICM: G01N033-574  
 ICS: C07K016-30  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 11 OF 149 USPATFULL on STN  
 AN 2003:265302 USPATFULL  
 TI Protein-protein interactions in neurodegenerative diseases  
 IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
 Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
 Heichman, Karen, Salt Lake City, UT, UNITED STATES  
 PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)  
 PI US 2003186317 A1 20031002  
 AI US 2001-971782 A1 20011009 (9)  
 PRAI US 2000-240790P 20001017 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 3143  
 INCL INCLM: 435/007.100  
 INCLS: 435/007.900  
 NCL NCLM: 435/007.100  
 NCLS: 435/007.900  
 IC [7]  
 ICM: G01N033-53  
 ICS: G01N033-542  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 12 OF 149 USPATFULL on STN  
 AN 2003:265223 USPATFULL  
 TI RNA detection assays  
 IN Allawi, Hatim, Madison, WI, UNITED STATES  
 Argue, Brad T., Sun Prairie, WI, UNITED STATES  
 Bartholomay, Christian Tor, Madison, WI, UNITED STATES  
 Chehak, LuAnne, Janesville, WI, UNITED STATES  
 Curtis, Michelle L., Cottage Grove, WI, UNITED STATES  
 Eis, Peggy S., Madison, WI, UNITED STATES  
 Hall, Jeff G., Madison, WI, UNITED STATES  
 Ip, Hon S., Madison, WI, UNITED STATES  
 Ji, Lin, Madison, WI, UNITED STATES  
 Kaiser, Michael, Madison, WI, UNITED STATES  
 Kwiatkowski, Robert W., JR., Verona, WI, UNITED STATES  
 Lukowiak, Andrew A., Stoughton, WI, UNITED STATES  
 Lyamichev, Victor, Madison, WI, UNITED STATES  
 Lymaicheva, Natalie E., Madison, WI, UNITED STATES  
 Ma, WuPo, Madison, WI, UNITED STATES  
 Neri, Bruce P., Madison, WI, UNITED STATES  
 Olson, Sarah M., Cross Plains, WI, UNITED STATES  
 Olson-Munoz, Marilyn C., Madison, WI, UNITED STATES  
 Schaefer, James J., Madison, WI, UNITED STATES  
 Skrzypczynski, Zbigniew, Verona, WI, UNITED STATES  
 Takova, Tsetska Y., Madison, WI, UNITED STATES  
 Thompson, Lisa C., Madison, WI, UNITED STATES

PI US 2003186238 A1 20031002  
 AI US 2002-84839 A1 20020226 (10)  
 RLI Continuation-in-part of Ser. No. US 2001-864636, filed on 24 May 2001,  
 PENDING Continuation-in-part of Ser. No. US 2000-577304, filed on 24 May  
 2000, PENDING Continuation-in-part of Ser. No. US 1999-350309, filed on  
 9 Jul 1999, GRANTED, Pat. No. US 6348314 Continuation-in-part of Ser.  
 No. US 1991-756386, filed on 9 Sep 1991, GRANTED, Pat. No. US 337472  
 Continuation-in-part of Ser. No. US 1995-381212, filed on 31 Jan 1995,  
 GRANTED, Pat. No. US 5608651 Continuation-in-part of Ser. No. US  
 1997-823516, filed on 24 Mar 1997, GRANTED, Pat. No. US 5994069  
 Continuation-in-part of Ser. No. US 1996-759038, filed on 2 Dec 1996,  
 GRANTED, Pat. No. US 6090543 Continuation-in-part of Ser. No. US  
 1996-682853, filed on 12 Jul 1996, GRANTED, Pat. No. US 6001567  
 Continuation-in-part of Ser. No. US 1996-599491, filed on 24 Jan 1996,  
 GRANTED, Pat. No. US 5846717 Continuation-in-part of Ser. No. US  
 2001-758282, filed on 11 Jan 2001, PENDING  
 PRAI WO 1997-US1072 19970121  
 DT Utility  
 FS APPLICATION  
 LN.CNT 12043  
 INCL INCLM: 435/006.000  
 INCLS: 435/005.000; 435/091.200  
 NCL NCLM: 435/006.000  
 NCLS: 435/005.000; 435/091.200  
 IC [7]  
 ICM: C12Q001-68  
 ICS: C12Q001-70; C12P019-34  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 13 OF 149 USPATFULL on STN  
 AN 2003:257689 USPATFULL  
 TI Differential expression screening method  
 IN Kingsman, Alan John, Oxford, UNITED KINGDOM  
 PI US 2003180740 A1 20030925  
 AI US 2003-204724 A1 20030102 (10)  
 WO 2001-GB758 20010222  
 PRAI GB 2000-4197 20000222  
 GB 2000-18679 20000728  
 DT Utility  
 FS APPLICATION  
 LN.CNT 3757  
 INCL INCLM: 435/006.000  
 NCL NCLM: 435/006.000  
 IC [7]  
 ICM: C12Q001-68  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 14 OF 149 USPATFULL on STN  
 AN 2003:257246 USPATFULL  
 TI Antibodies that immunospecifically bind to trail receptors  
 IN Salcedo, Theodora, East Syracuse, NY, UNITED STATES  
 Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Albert, Vivian R., Rockville, MD, UNITED STATES  
 Humphreys, Robin, Frederick, MD, UNITED STATES  
 Vaughan, Tristan, Cambridge, UNITED KINGDOM  
 PI US 2003180296 A1 20030925  
 AI US 2002-322673 A1 20021219 (10)  
 PRAI US 2001-341237P 20011220 (60)  
 US 2002-369877P 20020405 (60)  
 US 2002-384828P 20020604 (60)  
 US 2002-396591P 20020718 (60)  
 US 2002-403370P 20020815 (60)  
 US 2002-425737P 20021113 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 12359  
 INCL INCLM: 424/143.100  
 INCLS: 530/388.220  
 NCL NCLM: 424/143.100  
 NCLS: 530/388.220  
 IC [7]  
 ICM: A61K039-395  
 ICS: C07K016-30  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2003:251870 USPATFULL  
TI Adipocyte-specific protein homologs  
IN Sheppard, Paul O., Granite Falls, WA, UNITED STATES  
PA ZymoGenetics, Inc. (U.S. corporation)  
PI US 2003176659 A1 20030918  
AI US 2003-392706 A1 20030320 (10)  
RLI Continuation of Ser. No. US 2000-506852, filed on 17 Feb 2000, GRANTED,  
Pat. No. US 6566499 Continuation-in-part of Ser. No. US 1998-118408,  
filed on 17 Jul 1998, GRANTED, Pat. No. US 6265544  
PRAI US 1997-53154P 19970718 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3646  
INCL INCLM: 530/356.000  
INCLS: 530/388.250; 536/023.500; 435/006.000; 435/069.100; 435/320.100;  
435/325.000  
NCL NCLM: 530/356.000  
NCLS: 530/388.250; 536/023.500; 435/006.000; 435/069.100; 435/320.100;  
435/325.000  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C07K014-78  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 16 OF 149 USPATFULL on STN  
AN 2003:251869 USPATFULL  
TI Adipocyte-specific protein homologs  
IN Sheppard, Paul O., Granite Falls, WA, UNITED STATES  
PA ZymoGenetics, Inc. (U.S. corporation)  
PI US 2003176658 A1 20030918  
AI US 2003-392531 A1 20030320 (10)  
RLI Continuation of Ser. No. US 2000-506852, filed on 17 Feb 2000, GRANTED,  
Pat. No. US 6566499 Continuation-in-part of Ser. No. US 1998-118408,  
filed on 17 Jul 1998, GRANTED, Pat. No. US 6265544  
PRAI US 1997-53154P 19970718 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3611  
INCL INCLM: 530/356.000  
INCLS: 530/388.250; 435/006.000; 435/069.100; 435/320.100; 435/325.000;  
536/023.500  
NCL NCLM: 530/356.000  
NCLS: 530/388.250; 435/006.000; 435/069.100; 435/320.100; 435/325.000;  
536/023.500  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C07K014-78; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 17 OF 149 USPATFULL on STN  
AN 2003:251168 USPATFULL  
TI Human embryoid body-derived cells  
IN Shamlott, Michael J., Baltimore, MD, UNITED STATES  
Gearhart, John D., Baltimore, MD, UNITED STATES  
PI US 2003175954 A1 20030918  
AI US 2001-767421 A1 20010122 (9)  
PRAI US 2000-177287P 20000121 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2867  
INCL INCLM: 435/366.000  
INCLS: 435/069.100  
NCL NCLM: 435/366.000  
NCLS: 435/069.100  
IC [7]  
ICM: C12N005-08  
ICS: C12P021-02  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 18 OF 149 USPATFULL on STN  
AN 2003:250423 USPATFULL  
TI Neutrokin- $\alpha$  and neutrokin- $\alpha$  splice variant  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES

	Ullrich, Stephen, Rockville, MD, UNITED STATES	
	Laird, Michael, Germantown, MD, UNITED STATES	
PA	Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S. corporation)	
PI	US 2003175208	A1 20030918
AI	US 2002-270487	A1 20021016 (10)
RLI	Continuation-in-part of Ser. No. US 2001-929493, filed on 15 Aug 2001, PENDING Continuation-in-part of Ser. No. US 2000-588947, filed on 8 Jun 2000, ABANDONED Continuation-in-part of Ser. No. US 2000-589285, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589286, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589287, filed on 8 Jun 2000, GRANTED, Pat. No. US 6403770 Continuation-in-part of Ser. No. US 2000-589288, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-507968, filed on 22 Feb 2000, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999, PENDING Continuation-in-part of Ser. No. US 2000-588947, filed on 8 Jun 2000, ABANDONED Continuation-in-part of Ser. No. US 2000-589285, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589286, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589288, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-507968, filed on 22 Feb 2000, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999, PENDING Continuation-in-part of Ser. No. US 1998-5874, filed on 12 Jan 1998, PENDING Continuation-in-part of Ser. No. WO 1996-US17957, filed on 25 Oct 1996, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999, PENDING Continuation-in-part of Ser. No. US 1998-5874, filed on 12 Jan 1998, PENDING	
PRAI	US 2001-329508P	20011017 (60)
	US 2001-329747P	20011018 (60)
	US 2001-330835P	20011031 (60)
	US 2001-331478P	20011116 (60)
	US 2001-336726P	20011207 (60)
	US 2002-368548P	20020401 (60)
	US 2000-225628P	20000815 (60)
	US 2000-227008P	20000823 (60)
	US 2000-234338P	20000922 (60)
	US 2000-240806P	20001017 (60)
	US 2000-250020P	20001130 (60)
	US 2001-276248P	20010316 (60)
	US 2001-293499P	20010525 (60)
	US 2001-296122P	20010607 (60)
	US 2001-304809P	20010713 (60)
	US 1999-122388P	19990302 (60)
	US 1999-124097P	19990312 (60)
	US 1999-126599P	19990326 (60)
	US 1999-127598P	19990402 (60)
	US 1999-130412P	19990416 (60)
	US 1999-130696P	19990423 (60)
	US 1999-131278P	19990427 (60)
	US 1999-131673P	19990429 (60)
	US 1999-136784P	19990528 (60)
	US 1999-142659P	19990706 (60)
	US 1999-145824P	19990727 (60)
	US 1999-167239P	19991124 (60)
	US 1999-168624P	19991203 (60)
	US 1999-171108P	19991216 (60)
	US 1999-171626P	19991223 (60)
	US 2000-176015P	20000114 (60)
	US 1999-122388P	19990302 (60)
	US 1999-124097P	19990312 (60)
	US 1999-126599P	19990326 (60)
	US 1999-127598P	19990402 (60)
	US 1999-130412P	19990416 (60)
	US 1999-130696P	19990423 (60)
	US 1999-131278P	19990427 (60)
	US 1999-131673P	19990429 (60)
	US 1999-136784P	19990528 (60)
	US 1999-142659P	19990706 (60)
	US 1999-145824P	19990727 (60)
	US 1999-167239P	19991124 (60)
	US 1999-168624P	19991203 (60)
	US 1999-171108P	19991216 (60)
	US 1999-171626P	19991223 (60)
	US 2000-176015P	20000114 (60)
	US 1997-36100P	19970114 (60)

FS APPLICATION  
LN.CNT 18884  
INCL INCLM: 424/001.490  
INCLS: 424/001.690  
NCL NCLM: 424/001.490  
NCLS: 424/001.690  
IC [7]  
ICM: A61K051-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 19 OF 149 USPATFULL on STN  
AN 2003:245133 USPATFULL  
TI Adipocyte-specific protein homologs  
IN Sheppard, Paul O., Redmond, WA, UNITED STATES  
Humes, Jacqueline M., Seattle, WA, UNITED STATES  
PA ZymoGenetics, Inc. (U.S. corporation)  
PI US 2003171547 A1 20030911  
AI US 2002-197293 A1 20020716 (10)  
RLI Continuation of Ser. No. US 2000-686838, filed on 10 Oct 2000, GRANTED,  
Pat. No. US 6482612 Division of Ser. No. US 1998-140804, filed on 26 Aug  
1998, GRANTED, Pat. No. US 6197930  
PRAI US 1997-56983P 19970826 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3818  
INCL INCLM: 530/350.000  
INCLS: 536/023.500; 435/069.100; 435/320.100; 435/325.000  
NCL NCLM: 530/350.000  
NCLS: 536/023.500; 435/069.100; 435/320.100; 435/325.000  
IC [7]  
ICM: C12P021-02  
ICS: C07K014-705; C12N005-06; C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 20 OF 149 USPATFULL on STN  
AN 2003:244942 USPATFULL  
TI Methods for alzheimer's disease treatment and cognitive enhancement  
IN Etcheberrigaray, Rene, Bethesda, MD, UNITED STATES  
Alkon, Daniel L., Bethesda, MD, UNITED STATES  
PA Neurologic, Inc. (U.S. corporation)  
PI US 2003171356 A1 20030911  
AI US 2002-167491 A1 20020613 (10)  
PRAI US 2002-362080P 20020307 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1098  
INCL INCLM: 514/212.030  
INCLS: 514/424.000; 514/450.000  
NCL NCLM: 514/212.030  
NCLS: 514/424.000; 514/450.000  
IC [7]  
ICM: A61K031-55  
ICS: A61K031-4015; A61K031-353  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 21 OF 149 USPATFULL on STN  
AN 2003:243804 USPATFULL  
TI METHODS AND COMPOSITIONS FOR ENHANCING COGNITIVE FUNCTION USING  
MORPHOGENIC PROTEINS  
IN CHARETTE, MARC F., NEEDHAM, MA, UNITED STATES  
PI US 2003170213 A1 20030911  
AI US 1998-12846 A1 19980123 (9)  
DT Utility  
FS APPLICATION  
LN.CNT 2687  
INCL INCLM: 424/093.210  
INCLS: 514/012.000; 514/044.000  
NCL NCLM: 424/093.210  
NCLS: 514/012.000; 514/044.000  
IC [7]  
ICM: A61K048-00  
ICS: A61K038-17  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 22 OF 149 USPATFULL on STN

TI Death domain containing receptors  
 IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
 Ni, Jian, Germantown, MD, UNITED STATES  
 Gentz, Reiner L., Belo Horizonte, BRAZIL  
 Dillon, Patrick J., Carlsbad, CA, UNITED STATES  
 PA Human Genome Sciences, Inc. (U.S. corporation)  
 PI US 2003170203 A1 20030911  
 AI US 2002-189189 A1 20020705 (10)  
 RLI Continuation-in-part of Ser. No. US 2000-557908, filed on 21 Apr 2000,  
 PENDING Continuation-in-part of Ser. No. US 1997-815469, filed on 11 Mar  
 1997, GRANTED, Pat. No. US 6153402  
 PRAI US 2001-314314P 20010824 (60)  
 US 2001-303155P 20010706 (60)  
 US 1999-136741P 19990528 (60)  
 US 1999-130488P 19990422 (60)  
 US 1997-37341P 19970206 (60)  
 US 1996-28711P 19961017 (60)  
 US 1996-13285P 19960312 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 9858  
 INCL INCLM: 424/085.100  
 INCLS: 424/145.100; 514/210.090; 514/011.000  
 NCL NCLM: 424/085.100  
 NCLS: 424/145.100; 514/210.090; 514/011.000  
 IC [7]  
 ICM: A61K039-395  
 ICS: A61K031-407; A61K038-19; A61K038-13  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 23 OF 149 USPATFULL on STN  
 AN 2003:238706 USPATFULL  
 TI Human tumor necrosis factor delta and epsilon  
 IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
 Ni, Jian, Germantown, MD, UNITED STATES  
 Gentz, Reiner, Belo Horizonte-Mg, BRAZIL  
 PI US 2003166864 A1 20030904  
 AI US 2002-268951 A1 20021011 (10)  
 RLI Continuation-in-part of Ser. No. US 2001-879919, filed on 14 Jun 2001,  
 PENDING Continuation-in-part of Ser. No. US 1997-815783, filed on 12 Mar  
 1997, GRANTED, Pat. No. US 6509170 Continuation-in-part of Ser. No. US  
 1997-815783, filed on 12 Mar 1997, GRANTED, Pat. No. US 6509170  
 Continuation-in-part of Ser. No. US 2002-82260, filed on 26 Feb 2002,  
 GRANTED, Pat. No. US 6506882 Division of Ser. No. US 1997-815783, filed  
 on 12 Mar 1997, GRANTED, Pat. No. US 6509170  
 PRAI US 2001-328401P 20011012 (60)  
 US 2000-211537P 20000615 (60)  
 US 2000-241952P 20001023 (60)  
 US 2000-254875P 20001213 (60)  
 US 2001-277978P 20010323 (60)  
 US 2001-276248P 20010316 (60)  
 US 2001-293499P 20010525 (60)  
 US 1996-16812P 19960314 (60)  
 US 1996-16812P 19960314 (60)  
 US 1996-16812P 19960314 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 14873  
 INCL INCLM: 530/351.000  
 INCLS: 435/069.500; 435/320.100; 435/325.000; 536/023.500; 424/085.100;  
 424/450.000  
 NCL NCLM: 530/351.000  
 NCLS: 435/069.500; 435/320.100; 435/325.000; 536/023.500; 424/085.100;  
 424/450.000  
 IC [7]  
 ICM: C07K014-525  
 ICS: C07H021-04; C12P021-02; A61K038-19; A61K009-127  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 24 OF 149 USPATFULL on STN  
 AN 2003:237862 USPATFULL  
 TI Monoclonal antibody  
 IN wiltfang, Jens, Eddigehausen, GERMANY, FEDERAL REPUBLIC OF  
 Dyrks, Thomas, Berlin, GERMANY, FEDERAL REPUBLIC OF  
 Monning, Ursula, Berlin, GERMANY, FEDERAL REPUBLIC OF

AI US 2002-170272 A1 20020611 (10)  
PRAI EP 2001-114192 20010612  
DT Utility  
FS APPLICATION  
LN.CNT 3683  
INCL INCLM: 435/007.210  
INCLS: 530/388.260  
NCL NCLM: 435/007.210  
NCLS: 530/388.260  
IC [7]  
ICM: G01N033-567  
ICS: C07K016-40

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 25 OF 149 USPATFULL on STN  
AN 2003:237373 USPATFULL  
TI Adipocyte complement related protein homolog zacrp3  
IN Piddington, Christopher S., Thousand Oaks, CA, UNITED STATES  
Bishop, Paul D., Fall City, WA, UNITED STATES  
PI US 2003165530 A1 20030904  
AI US 2002-321164 A1 20021217 (10)  
RLI Division of Ser. No. US 2000-552225, filed on 19 Apr 2000, GRANTED, Pat.  
No. US 6521233  
PRAI US 1999-130199P 19990420 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3481  
INCL INCLM: 424/192.100  
INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.200  
NCL NCLM: 424/192.100  
NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.200  
IC [7]  
ICM: A61K039-00  
ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-705

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 26 OF 149 USPATFULL on STN  
AN 2003:231619 USPATFULL  
TI Pluripotent embryonic-like stem cells, compositions, methods and uses  
thereof  
IN Young, Henry E., Macon, GA, UNITED STATES  
Lucas, Paul A., Poughkeepsie, NY, UNITED STATES  
PI US 2003161817 A1 20030828  
AI US 2001-820320 A1 20010328 (9)  
DT Utility  
FS APPLICATION  
LN.CNT 10419  
INCL INCLM: 424/093.210  
INCLS: 435/366.000  
NCL NCLM: 424/093.210  
NCLS: 435/366.000  
IC [7]  
ICM: A61K048-00  
ICS: C12N005-08

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 27 OF 149 USPATFULL on STN  
AN 2003:220208 USPATFULL  
TI Human tumor necrosis factor receptor-like proteins TR11, TR11SV1, and  
TR11SV2  
IN Ni, Jian, Germantown, MD, UNITED STATES  
Ruben, Steven M., Brookeville, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)  
PI US 2003153499 A1 20030814  
AI US 2002-277966 A1 20021023 (10)  
RLI Division of Ser. No. US 2000-512363, filed on 23 Feb 2000, GRANTED, Pat.  
No. US 6503184 Division of Ser. No. US 1998-176200, filed on 21 Oct  
1998, PENDING  
PRAI US 1999-121648P 19990224 (60)  
US 1999-134172P 19990513 (60)  
US 1999-144076P 19990716 (60)  
US 1997-63212P 19971021 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 11222



INCLS: 530/350.000; 536/023.500; 435/069.100; 435/320.100; 435/325.000  
NCL NCLM: 514/012.000  
NCLS: 530/350.000; 536/023.500; 435/069.100; 435/320.100; 435/325.000  
IC [7]  
ICM: A61K038-17  
ICS: C07K014-715; C12P021-02; C12N005-06; C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 28 OF 149 USPATFULL on STN  
AN 2003:215352 USPATFULL  
TI Diagnostics and therapeutics for arterial wall disruptive disorders  
IN Hageman, Gregory S., Coralville, IA, UNITED STATES  
PI US 2003149997 A1 20030807  
AI US 2000-511008 A1 20000222 (9)  
PRAI US 1999-120822P 19990219 (60)  
US 1999-120668P 19990219 (60)  
US 1999-123052P 19990305 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 6580  
INCL INCLM: 800/008.000  
INCLS: 435/006.000; 800/009.000; 435/007.100  
NCL NCLM: 800/008.000  
NCLS: 435/006.000; 800/009.000; 435/007.100  
IC [7]  
ICM: A01K067-00  
ICS: C12Q001-68; G01N033-53  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 29 OF 149 USPATFULL on STN  
AN 2003:200443 USPATFULL  
TI Human tumor necrosis factor receptor-like proteins TR11, TR11SV1, and TR11SV2  
IN Ni, Jian, Germantown, MD, UNITED STATES  
Ruben, Steven M., Brookville, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)  
PI US 2003138426 A1 20030724  
AI US 2002-283105 A1 20021030 (10)  
RLI Continuation-in-part of Ser. No. US 2001-915593, filed on 27 Jul 2001, PENDING Continuation-in-part of Ser. No. US 2000-512363, filed on 23 Feb 2000, GRANTED, Pat. No. US 6503184 Continuation-in-part of Ser. No. US 1998-176200, filed on 21 Oct 1998, GRANTED, Pat. No. US 6509173  
PRAI US 2001-330757P 20011030 (60)  
US 2000-221577P 20000728 (60)  
US 1999-144076P 19990716 (60)  
US 1999-134172P 19990513 (60)  
US 1999-121648P 19990224 (60)  
US 1997-63212P 19971021 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 12581  
INCL INCLM: 424/146.100  
INCLS: 435/007.200; 530/388.260  
NCL NCLM: 424/146.100  
NCLS: 435/007.200; 530/388.260  
IC [7]  
ICM: A61K039-395  
ICS: G01N033-53; G01N033-567; C07K016-40  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 30 OF 149 USPATFULL on STN  
AN 2003:187888 USPATFULL  
TI Methods, pharmaceutical formulations and kits for identification of subjects at risk for cancer  
IN Neely, Constance, Raleigh, NC, UNITED STATES  
PI US 2003129678 A1 20030710  
AI US 2002-316423 A1 20021211 (10)  
RLI Continuation of Ser. No. US 2000-569394, filed on 12 May 2000, ABANDONED  
PRAI US 1999-134276P 19990514 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1261  
INCL INCLM: 435/007.230  
INCLS: 424/085.500; 514/054.000  
US 425/023.220

NCLS: 424/085.500; 514/054.000  
IC [7]  
ICM: G01N033-574  
ICS: A61K038-21; A61K031-739  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 31 OF 149 USPATFULL on STN  
AN 2003:187403 USPATFULL  
TI Tumor necrosis factor-gamma  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Zhang, Jun, San Diego, CA, UNITED STATES  
PI US 2003129189 A1 20030710  
AI US 2002-226294 A1 20020823 (10)  
RLI Continuation-in-part of Ser. No. US 2001-899059, filed on 6 Jul 2001,  
PENDING Continuation-in-part of Ser. No. US 2000-559290, filed on 27 Apr  
2000, ABANDONED Continuation-in-part of Ser. No. US 1999-246129, filed  
on 8 Feb 1999, PENDING Continuation-in-part of Ser. No. US 1998-131237,  
filed on 7 Aug 1998, PENDING Continuation-in-part of Ser. No. US  
1998-5020, filed on 9 Jan 1998, ABANDONED Continuation-in-part of Ser.  
No. US 1995-461246, filed on 5 Jun 1995, ABANDONED Continuation-in-part  
of Ser. No. WO 1994-US12880, filed on 7 Nov 1994, PENDING  
PRAI US 2001-314381P 20010824 (60)  
US 2001-278449P 20010326 (60)  
US 2000-216879P 20000707 (60)  
US 2000-180908P 20000208 (60)  
US 1999-134067P 19990513 (60)  
US 1999-132227P 19990503 (60)  
US 1999-131963P 19990430 (60)  
US 1998-74047P 19980209 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13325  
INCL INCLM: 424/145.100  
NCL NCLM: 424/145.100  
IC [7]  
ICM: A61K039-395  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 32 OF 149 USPATFULL on STN  
AN 2003:187348 USPATFULL  
TI Method of monitoring neuroprotective treatment  
IN Chenard, Bertrand L., Waterford, CT, UNITED STATES  
Friedman, David L., Madison, CT, UNITED STATES  
Kimmel, Lida, Chester, CT, UNITED STATES  
Nelms, Linda F., Gales Ferry, CT, UNITED STATES  
Silber, B. Michael, Madison, CT, UNITED STATES  
Soares, Holly D., Noank, CT, UNITED STATES  
Frost White, Walter, JR., Ledyard, CT, UNITED STATES  
PA Pfizer Inc. (U.S. corporation)  
PI US 2003129134 A1 20030710  
AI US 2002-268465 A1 20021010 (10)  
PRAI US 2001-328890P 20011012 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1218  
INCL INCLM: 424/009.300  
INCLS: 435/007.920  
NCL NCLM: 424/009.300  
NCLS: 435/007.920  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-537; G01N033-543  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 33 OF 149 USPATFULL on STN  
AN 2003:181499 USPATFULL  
TI Inhibitors of GSK-3 and crystal structures of GSK-3 protein and protein  
complexes  
IN Haar, Ernst ter, Roslindale, MA, UNITED STATES  
Swenson, Lovorka, Belmont, MA, UNITED STATES  
Green, Jeremy, Burlington, MA, UNITED STATES  
Arnost, Michael J., North Andover, MA, UNITED STATES  
PI US 2003125332 A1 20030703  
US 2002-125355 A1 20020428 (10)

PRAI US 2001-287366P 20010430 (60)  
US 2002-361899P 20020227 (60)  
US 2001-297094P 20010608 (60)

DT Utility  
FS APPLICATION  
LN.CNT 4178  
INCL INCLM: 514/248.000  
INCLS: 544/236.000  
NCL NCLM: 514/248.000  
NCLS: 544/236.000

IC [7]  
ICM: C07D487-02  
ICS: A61K031-503

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 34 OF 149 USPATFULL on STN  
AN 2003:180370 USPATFULL  
TI Compositions and methods for improving integrity of compromised body  
passageways and cavities  
IN Signore, Pierre E., Vancouver, CANADA  
Machan, Lindsay S., Vancouver, CANADA  
PA University of British Columbia, Vancouver, CANADA (non-U.S. corporation)  
PI US 2003124197 A1 20030703  
AI US 2002-323401 A1 20021218 (10)  
RLI Continuation of Ser. No. US 2000-511570, filed on 23 Feb 2000, ABANDONED  
PRAI US 1999-121424P 19990223 (60)

DT Utility  
FS APPLICATION  
LN.CNT 1939  
INCL INCLM: 424/499.000  
INCLS: 424/501.000; 514/449.000; 514/283.000; 514/054.000; 514/055.000  
NCL NCLM: 424/499.000  
NCLS: 424/501.000; 514/449.000; 514/283.000; 514/054.000; 514/055.000

IC [7]  
ICM: A61K031-728  
ICS: A61K031-4745; A61K031-337; A61K009-14; A61K009-50

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 35 OF 149 USPATFULL on STN  
AN 2003:172702 USPATFULL  
TI Antibodies to tumor necrosis factor 5  
IN Wei, Ying-Fei, Berkeley, CA, UNITED STATES  
Ni, Jian, Rockville, MD, UNITED STATES  
Gentz, Reiner L., Rockville, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
PA Human Genome Sciences, Inc. (U.S. corporation)  
PI US 2003118546 A1 20030626  
AI US 2002-186643 A1 20020702 (10)  
RLI Division of Ser. No. US 2000-573986, filed on 18 May 2000, GRANTED, Pat.  
No. US 6455040 Division of Ser. No. US 1998-6353, filed on 13 Jan 1998,  
GRANTED, Pat. No. US 6261801

PRAI US 1999-135164P 19990520 (60)  
US 1997-54885P 19970807 (60)  
US 1997-35496P 19970114 (60)

DT Utility  
FS APPLICATION  
LN.CNT 9588  
INCL INCLM: 424/085.100  
INCLS: 424/146.100  
NCL NCLM: 424/085.100  
NCLS: 424/146.100

IC [7]  
ICM: A61K039-395  
ICS: A61K038-19

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 36 OF 149 USPATFULL on STN  
AN 2003:166521 USPATFULL  
TI Methods of treating or preventing cell, tissue, and organ damage using  
human myeloid progenitor inhibitory factor-1 (MPIF-1)  
IN Li, Haodong, Gaithersburg, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
Grzegorzewski, Krzysztof J., Gaithersburg, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Patel, Vikram, Germantown, MD, UNITED STATES

PA Human Genome Sciences, Inc. (U.S. corporation)  
 PI US 2003114379 A1 20030619  
 AI US 2002-261950 A1 20021002 (10)  
 RLI Division of Ser. No. US 2000-689693, filed on 13 Oct 2000, GRANTED, Pat.  
 No. US 6495129 Division of Ser. No. US 2000-571013, filed on 15 May  
 2000, PENDING Division of Ser. No. US 1999-334951, filed on 17 Jun 1999,  
 GRANTED, Pat. No. US 6451562 Continuation of Ser. No. US 1996-722723,  
 filed on 30 Sep 1996, ABANDONED Continuation of Ser. No. US 1996-722719,  
 filed on 30 Sep 1996, GRANTED, Pat. No. US 6001606 Continuation-in-part  
 of Ser. No. US 1995-465682, filed on 6 Jun 1995, ABANDONED  
 Continuation-in-part of Ser. No. US 1995-446881, filed on 5 May 1995,  
 ABANDONED Continuation of Ser. No. US 1994-208339, filed on 8 Mar 1994,  
 GRANTED, Pat. No. US 5504003  
 PRAI US 1999-159362P 19991014 (60)  
 US 1999-164059P 19991108 (60)  
 US 1999-172063P 19991223 (60)  
 US 2000-189048P 20000314 (60)  
 US 2000-199142P 20000424 (60)  
 US 2000-211458P 20000613 (60)  
 US 2000-212658P 20000619 (60)  
 US 1996-27299P 19960930 (60)  
 US 1996-27300P 19960930 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 14465  
 INCL INCLM: 514/012.000  
 NCL NCLM: 514/012.000  
 IC [7]  
 ICM: A61K038-17  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 37 OF 149 USPATFULL on STN  
 AN 2003:166515 USPATFULL  
 TI Polynucleotide encoding a novel cysteine protease of the calpain  
 superfamily, CAN-12, and variants thereof  
 IN Chen, Jian, Princeton, NJ, UNITED STATES  
 Feder, John N., Belle Mead, NJ, UNITED STATES  
 Nelson, Thomas C., Lawrenceville, NJ, UNITED STATES  
 Seiler, Steven, Pennington, NJ, UNITED STATES  
 Vaz, Roy J., North Branch, NJ, UNITED STATES  
 Duclos, Franck, Washington Crossing, PA, UNITED STATES  
 PI US 2003114373 A1 20030619  
 AI US 2002-116519 A1 20020403 (10)  
 PRAI US 2001-281253P 20010403 (60)  
 US 2001-288768P 20010504 (60)  
 US 2001-296180P 20010606 (60)  
 US 2001-300620P 20010625 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 30149  
 INCL INCLM: 514/012.000  
 INCLS: 536/023.200; 530/350.000; 435/069.100; 435/325.000; 435/320.100  
 NCL NCLM: 514/012.000  
 NCLS: 536/023.200; 530/350.000; 435/069.100; 435/325.000; 435/320.100  
 IC [7]  
 ICM: A61K038-17  
 ICS: C12P021-02; C12N005-06; C07H021-04; C07K014-435  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 38 OF 149 USPATFULL on STN  
 AN 2003:158903 USPATFULL  
 TI Death domain containing receptor 4  
 IN Ni, Jian, Rockville, MD, UNITED STATES  
 Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Pan, James G., Belmont, CA, UNITED STATES  
 Gentz, Reiner L., Rockville, MD, UNITED STATES  
 Dixit, Vishva M., Los Altos Hills, CA, UNITED STATES  
 PA Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)  
 PI US 2003108516 A1 20030612  
 AI US 2002-175902 A1 20020621 (10)  
 RLI Division of Ser. No. US 2000-565918, filed on 5 May 2000, GRANTED, Pat.  
 No. US 6433147 Division of Ser. No. US 1998-13895, filed on 27 Jan 1998,  
 GRANTED, Pat. No. US 6342363  
 PRAI US 1999-132922P 19990506 (60)  
 US 1997-37829P 19970205 (60)

DT Utility  
FS APPLICATION  
LN.CNT 9230  
INCL INCLM: 424/085.100  
INCLS: 424/155.100; 514/012.000  
NCL NCLM: 424/085.100  
NCLS: 424/155.100; 514/012.000  
IC [7]  
ICM: A61K039-395  
ICS: A61K038-19; A61K038-17  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 39 OF 149 USPATFULL on STN  
AN 2003:153422 USPATFULL  
TI Pyrazole compounds useful as protein kinase inhibitors  
IN Bebbington, David, Newbury, UNITED KINGDOM  
Charrier, Jean-Damien, Wantage, UNITED KINGDOM  
PI US 2003105090 A1 20030605  
AI US 2001-26966 A1 20011219 (10)  
PRAI US 2000-257887P 20001221 (60)  
US 2001-286949P 20010427 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 9063  
INCL INCLM: 514/227.500  
INCLS: 514/235.800; 514/252.190; 514/256.000; 544/060.000; 544/122.000;  
544/295.000; 544/324.000; 544/317.000  
NCL NCLM: 514/227.500  
NCLS: 514/235.800; 514/252.190; 514/256.000; 544/060.000; 544/122.000;  
544/295.000; 544/324.000; 544/317.000  
IC [7]  
ICM: A61K031-541  
ICS: A61K031-5377; A61K031-506; A61K031-513; C07D417-14; C07D413-14;  
C07D043-14  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 40 OF 149 USPATFULL on STN  
AN 2003:152712 USPATFULL  
TI Detection of RNA  
IN Allawi, Hatim, Madison, WI, UNITED STATES  
Bartholomay, Christian Tor, Madison, WI, UNITED STATES  
Chehak, LuAnne, Janesville, WI, UNITED STATES  
Curtis, Michelle L., Cottage Grove, WI, UNITED STATES  
Eis, Peggy S., Madison, WI, UNITED STATES  
Hall, Jeff G., Madison, WI, UNITED STATES  
Ip, Hon S., Madison, WI, UNITED STATES  
Kaiser, Michael, Madison, WI, UNITED STATES  
Kwiatkowski, Robert W., JR., Verona, WI, UNITED STATES  
Lukowiak, Andrew A., Madison, WI, UNITED STATES  
Lyamichev, Victor, Madison, WI, UNITED STATES  
Ma, WuPo, Madison, WI, UNITED STATES  
Olson-Munoz, Marilyn C., Madison, WI, UNITED STATES  
Olson, Sarah M., Cross Plains, WI, UNITED STATES  
Schaefer, James J., Madison, WI, UNITED STATES  
Skrzypczynski, Zbigniew, Verona, WI, UNITED STATES  
Takova, Tsetska Y., Madison, WI, UNITED STATES  
Vedvik, Kevin L., Madison, WI, UNITED STATES  
Lyamichev, Natalie, Madison, WI, UNITED STATES  
Neri, Burce P., Madison, WI, UNITED STATES  
PA Third Wave Technologies, Inc., Madison, WI, 53719 (2)  
PI US 2003104378 A1 20030605  
AI US 2001-864636 A1 20010524 (9)  
RLI Continuation-in-part of Ser. No. US 2000-577304, filed on 24 May 2000,  
PENDING Continuation-in-part of Ser. No. US 1999-350309, filed on 9 Jul  
1999, GRANTED, Pat. No. US 6348314 Continuation-in-part of Ser. No. US  
1991-756386, filed on 9 Sep 1991, GRANTED, Pat. No. US 337472  
Continuation-in-part of Ser. No. US 1995-381212, filed on 31 Jan 1995,  
GRANTED, Pat. No. US 5608651 Continuation-in-part of Ser. No. US  
1997-823516, filed on 24 Mar 1997, GRANTED, Pat. No. US 5994069  
Continuation-in-part of Ser. No. US 1996-759038, filed on 2 Dec 1996,  
GRANTED, Pat. No. US 6090543 Continuation-in-part of Ser. No. US  
1996-682853, filed on 12 Jul 1996, GRANTED, Pat. No. US 6001567  
Continuation-in-part of Ser. No. US 1996-599491, filed on 24 Jan 1996,  
GRANTED, Pat. No. US 5846717 Continuation-in-part of Ser. No. US  
2000-381212, filed on 8 Feb 2000, PENDING Continuation-in-part of Ser.

PRAI WO 1997-US1072 19970121

DT Utility

FS APPLICATION

LN.CNT 10869

INCL INCLM: 435/006.000

INCLS: 435/091.200

NCL NCLM: 435/006.000

NCLS: 435/091.200

IC [7]

ICM: C12Q001-68

ICS: C12P019-34

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 41 OF 149 USPATFULL on STN

AN 2003:140971 USPATFULL

TI Compositions useful as inhibitors of GSK-3

IN Cao, Jingrong, Newton, MA, UNITED STATES

Choquette, Debbie, Medford, MA, UNITED STATES

Davies, Robert, Arlington, MA, UNITED STATES

Forster, Cornelia, Pelham, NH, UNITED STATES

Lauffer, David, Stow, MA, UNITED STATES

Pierce, Albert, Somerville, MA, UNITED STATES

Tomlinson, Ronald, Marlborough, MA, UNITED STATES

Wannamaker, Marion, Stow, MA, UNITED STATES

Metz, Natalie, Brighton, MA, UNITED STATES

PI US 2003096813 A1 20030522

AI US 2002-125885 A1 20020419 (10)

PRAI US 2001-285217P 20010420 (60)

DT Utility

FS APPLICATION

LN.CNT 2547

INCL INCLM: 514/228.500

INCLS: 514/234.500; 514/252.160; 514/260.100; 514/265.100; 544/060.000;

544/117.000; 544/278.000; 544/280.000

NCL NCLM: 514/228.500

NCLS: 514/234.500; 514/252.160; 514/260.100; 514/265.100; 544/060.000;

544/117.000; 544/278.000; 544/280.000

IC [7]

ICM: A61K031-541

ICS: A61K031-5377; A61K031-519; C07D498-02; C07D487-02

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 42 OF 149 USPATFULL on STN

AN 2003:134060 USPATFULL

TI Viral vaccine composition, process, and methods of use

IN Jira, Vic, El Monte, CA, UNITED STATES

Jirathitikal, Vichai, Chachoengsao, THAILAND

PI US 2003092145 A1 20030515

AI US 2001-935344 A1 20010823 (9)

PRAI US 2000-227520P 20000824 (60)

DT Utility

FS APPLICATION

LN.CNT 3165

INCL INCLM: 435/173.300

INCLS: 435/236.000; 424/464.000; 424/204.100; 424/206.100; 424/207.100;

424/234.100; 424/208.100; 424/209.100; 424/211.100; 424/212.100;

424/214.100; 424/215.100; 424/216.100; 424/217.100; 424/218.100;

424/224.100; 424/225.100; 424/229.100; 424/232.100; 424/233.100

NCL NCLM: 435/173.300

NCLS: 435/236.000; 424/464.000; 424/204.100; 424/206.100; 424/207.100;

424/234.100; 424/208.100; 424/209.100; 424/211.100; 424/212.100;

424/214.100; 424/215.100; 424/216.100; 424/217.100; 424/218.100;

424/224.100; 424/225.100; 424/229.100; 424/232.100; 424/233.100

IC [7]

ICM: C12N007-04

ICS: A61K039-165; A61K039-155; C12N013-00; A61K039-145; A61K039-17;

A61K039-125; A61K039-193; A61K039-245; A61K039-27; A61K039-23;

A61K009-20

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 43 OF 149 USPATFULL on STN

AN 2003:133480 USPATFULL

TI Binding polypeptides and methods based thereon

IN Beltzer, James P., Carlisle, MA, UNITED STATES

Potter, M. Daniel, UNITED STATES

Fleming, Tony J., Waltham, MA, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
PI US 2003091565 A1 20030515  
AI US 2001-932613 A1 20010817 (9)  
PRAI US 2000-226700P 20000818 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 11834  
INCL INCLM: 424/144.100  
NCL NCLM: 424/144.100  
IC [7]  
ICM: A61K039-395

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 44 OF 149 USPATFULL on STN  
AN 2003:113534 USPATFULL  
TI Pyrazole compounds useful as protein kinase inhibitors  
IN Bebbington, David, Newbury, UNITED KINGDOM  
Charrier, Jean-Damien, Wantage, UNITED KINGDOM  
Davies, Robert, Arlington, MA, UNITED STATES  
Golec, Julian M.C., Swindon, UNITED KINGDOM  
Kay, David, Purton, UNITED KINGDOM  
Knegtel, Ronald, Abingdon, UNITED KINGDOM  
Patel, Sanjay, Abingdon, UNITED KINGDOM  
PI US 2003078275 A1 20030424  
AI US 2001-27001 A1 20011219 (10)  
PRAI US 2000-257887P 20001221 (60)  
US 2001-286949P 20010427 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 9081  
INCL INCLM: 514/260.100  
INCLS: 514/261.100; 514/262.100; 514/264.110; 514/265.100; 514/266.230;  
544/278.000; 544/284.000; 544/256.000; 544/254.000  
NCL NCLM: 514/260.100  
NCLS: 514/261.100; 514/262.100; 514/264.110; 514/265.100; 514/266.230;  
544/278.000; 544/284.000; 544/256.000; 544/254.000  
IC [7]  
ICM: A61K031-519  
ICS: A61K031-517; C07D487-02

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 45 OF 149 USPATFULL on STN  
AN 2003:113425 USPATFULL  
TI Pyrazole compounds useful as protein kinase inhibitors  
IN Davies, Robert, Arlington, MA, UNITED STATES  
Bebbington, David, Newbury, UNITED KINGDOM  
Knegtel, Ronald, Abingdon, UNITED KINGDOM  
Wannamaker, Marion, Stow, MA, UNITED STATES  
Li, Pan, Arlington, MA, UNITED STATES  
Forster, Cornelia, Pelham, NH, UNITED STATES  
Pierce, Albert, Somerville, MA, UNITED STATES  
PI US 2003078166 A1 20030424  
AI US 2001-955601 A1 20010914 (9)  
PRAI US 2000-232795P 20000915 (60)  
US 2000-257887P 20001221 (60)  
US 2001-286949P 20010427 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 8804  
INCL INCLM: 504/239.000  
INCLS: 544/060.000; 544/122.000; 544/328.000  
NCL NCLM: 504/239.000  
NCLS: 544/060.000; 544/122.000; 544/328.000  
IC [7]  
ICM: A01N043-54  
ICS: C07D417-14; C07D413-14; C07D043-02

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 46 OF 149 USPATFULL on STN  
AN 2003:112909 USPATFULL  
TI Methods of suppressing microglial activation and systemic inflammatory  
responses  
IN Laskowitz, Daniel T., Chapel Hill, NC, UNITED STATES  
Matthew, William D., Durham, NC, UNITED STATES

PI US 2003077641 A1 20030424  
AI US 2002-252120 A1 20020923 (10)  
RLI Continuation-in-part of Ser. No. US 2001-957909, filed on 21 Sep 2001,  
PENDING Continuation-in-part of Ser. No. US 1999-260430, filed on 1 Mar  
1999, ABANDONED  
PRAI US 1998-77551P 19980311 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3107  
INCL INCLM: 435/006.000  
INCLS: 514/013.000; 435/235.100; 435/325.000; 424/186.100  
NCL NCLM: 435/006.000  
NCLS: 514/013.000; 435/235.100; 435/325.000; 424/186.100  
IC [7]  
ICM: A61K038-17  
ICS: A61K038-10; C12Q001-68; A61K038-00; C12N007-00; C12N007-01;  
C12N005-00; C12N005-02; A61K039-12  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 47 OF 149 USPATFULL on STN  
AN 2003:106775 USPATFULL  
TI Pyrazole compounds useful as protein kinase inhibitors  
IN Bebbington, David, Newbury Berkshire, UNITED KINGDOM  
Binch, Hayley, Harwell Oxon, UNITED KINGDOM  
Knegtel, Ronald, Abingdom, UNITED KINGDOM  
Golec, Julian, Ashbury, UNITED KINGDOM  
Patel, Sanjay, Abingdom, UNITED KINGDOM  
Charrier, Jean-Damien, Bishop's Itchington, UNITED KINGDOM  
Kay, David, Church Path, UNITED KINGDOM  
Davies, Robert, Arlington, MA, UNITED STATES  
Li, Pan, Arlington, MA, UNITED STATES  
Wannamaker, Marion, Stow, MA, UNITED STATES  
Forster, Cornelia, Pelham, NH, UNITED STATES  
Pierce, Albert, Somerville, MA, UNITED STATES

PI US 2003073687 A1 20030417  
AI US 2001-952671 A1 20010914 (9)  
PRAI US 2000-232795P 20000915 (60)  
US 2000-257887P 20001221 (60)  
US 2001-286949P 20010427 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 8698  
INCL INCLM: 514/228.200  
INCLS: 514/233.800; 514/252.170; 514/266.220; 514/266.230; 544/060.000;  
544/116.000; 544/284.000  
NCL NCLM: 514/228.200  
NCLS: 514/233.800; 514/252.170; 514/266.220; 514/266.230; 544/060.000;  
544/116.000; 544/284.000  
IC [7]  
ICM: C07D417-14  
ICS: C07D413-14; C07D043-14; A61K031-541; A61K031-5377; A61K031-517  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 48 OF 149 USPATFULL on STN  
AN 2003:100181 USPATFULL  
TI Aryl substituted pyrazoles, imidazoles, oxazoles, thiazoles and  
pyrroles, and the use thereof  
IN Hogenkamp, Derk, Carlsbad, CA, UNITED STATES  
Upasani, Ravindra, Foothill Ranch, CA, UNITED STATES  
Nguyen, Phong, Placentia, CA, UNITED STATES  
PA EURO-CELTIQUE S.A. (U.S. corporation)  
PI US 2003069292 A1 20030410  
AI US 2002-134697 A1 20020430 (10)  
RLI Division of Ser. No. US 2000-533864, filed on 24 Mar 2000, GRANTED, Pat.  
No. US 6414011  
PRAI US 1999-126553P 19990326 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2990  
INCL INCLM: 514/365.000  
INCLS: 514/374.000; 514/396.000; 514/406.000; 548/182.000; 548/204.000;  
548/225.000; 548/235.000; 548/354.100; 548/377.100; 548/530.000;  
514/408.000; 548/577.000  
NCL NCLM: 514/365.000  
NCLS: 514/374.000; 514/396.000; 514/406.000; 548/182.000; 548/204.000;



514/408.000; 548/577.000

IC [7]  
ICM: A61K031-421  
ICS: A61K031-426; A61K031-4164; A61K031-415; A61K031-40; C07D277-32  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 49 OF 149 USPATFULL on STN  
AN 2003:93621 USPATFULL  
TI Pyrazole compounds useful as protein kinase inhibitors  
IN Davies, Robert, Arlington, MA, UNITED STATES  
Li, Pan, Arlington, MA, UNITED STATES  
PI US 2003064982 A1 20030403  
AI US 2001-952875 A1 20010914 (9)  
PRAI US 2000-232795P 20000915 (60)  
US 2000-257887P 20001221 (60)  
US 2001-286949P 20010427 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 8570  
INCL INCLM: 514/227.800  
INCLS: 514/235.800; 514/241.000; 514/252.020; 514/255.050; 514/275.000;  
544/060.000; 544/122.000; 544/212.000; 544/238.000; 544/295.000;  
544/296.000; 544/331.000  
NCL NCLM: 514/227.800  
NCLS: 514/235.800; 514/241.000; 514/252.020; 514/255.050; 514/275.000;  
544/060.000; 544/122.000; 544/212.000; 544/238.000; 544/295.000;  
544/296.000; 544/331.000

IC [7]  
ICM: A61K031-541  
ICS: A61K031-5377; A61K031-506; C07D417-14; C07D413-14; C07D043-14  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 50 OF 149 USPATFULL on STN  
AN 2003:86331 USPATFULL  
TI Antibodies that immunospecifically bind Blys  
IN Ruben, Steven M., Olney, MD, UNITED STATES  
Barash, Steven C., Rockville, MD, UNITED STATES  
Choi, Gil H., Rockville, MD, UNITED STATES  
Vaughan, Tristan, Great Shelford, UNITED KINGDOM  
Hilbert, David, Bethesda, MD, UNITED STATES  
PI US 2003059937 A1 20030327  
AI US 2001-880748 A1 20010615 (9)  
PRAI US 2000-212210P 20000616 (60)  
US 2000-240816P 20001017 (60)  
US 2001-276248P 20010316 (60)  
US 2001-277379P 20010321 (60)  
US 2001-293499P 20010525 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 17997  
INCL INCLM: 435/345.000  
INCLS: 530/350.000; 435/069.100; 530/300.000  
NCL NCLM: 435/345.000  
NCLS: 530/350.000; 435/069.100; 530/300.000  
IC [7]  
ICM: C07K001-00  
ICS: C07K014-00; C07K017-00; C12P021-06; C07K002-00; C07K004-00;  
C07K005-00; C07K007-00; C07K016-00; A61K038-00; C12N005-06; C12N005-16  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 51 OF 149 USPATFULL on STN  
AN 2003:86257 USPATFULL  
TI Antibodies against tumor necrosis factor delta (APRIL)  
IN Ruben, Steven M., Brookeville, MD, UNITED STATES  
PI US 2003059862 A1 20030327  
AI US 2002-151882 A1 20020522 (10)  
PRAI US 2001-293100P 20010524 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 8330  
INCL INCLM: 435/007.230  
INCLS: 530/388.230  
NCL NCLM: 435/007.230  
NCLS: 530/388.230  
IC [7]

ICS: C07K016-24  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 52 OF 149 USPATFULL on STN  
AN 2003:86186 USPATFULL  
TI Method for evaluating DNA probes position on substrate  
IN Rokutan, Kazuhito, Osaka, JAPAN  
Tomita, Hiroyuki, Tachikawa, JAPAN  
Saito, Toshiro, Hatoyama, JAPAN  
PI US 2003059791 A1 20030327  
AI US 2002-83550 A1 20020227 (10)  
PRAI JP 2001-53465 20010228  
JP 2002-22682 20020131  
DT Utility  
FS APPLICATION  
LN.CNT 2686  
INCL INCLM: 435/006.000  
INCLS: 435/287.200; 702/020.000  
NCL NCLM: 435/006.000  
NCLS: 435/287.200; 702/020.000  
IC [7]  
ICM: C12Q001-68  
ICS: G06F019-00; G01N033-48; G01N033-50; C12M001-34  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 53 OF 149 USPATFULL on STN  
AN 2003:79141 USPATFULL  
TI Pyrazole compounds useful as protein kinase inhibitors  
IN Bebbington, David, Newbury, UNITED KINGDOM  
Charrier, Jean-Damien, Wantage, UNITED KINGDOM  
Davies, Robert, Arlington, MA, UNITED STATES  
Everitt, Simon, Beaconsfield, UNITED KINGDOM  
Kay, David, Purton, UNITED KINGDOM  
Knegtel, Ronald, Abingdon, UNITED KINGDOM  
Patel, Sanjay, Abingdon, UNITED KINGDOM  
PI US 2003055068 A1 20030320  
AI US 2001-26967 A1 20011219 (10)  
PRAI US 2000-257887P 20001221 (60)  
US 2001-286949P 20010427 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 8979  
INCL INCLM: 514/258.100  
INCLS: 514/260.100; 514/262.100; 514/264.110; 514/266.230; 544/284.000;  
544/278.000; 544/279.000  
NCL NCLM: 514/258.100  
NCLS: 514/260.100; 514/262.100; 514/264.110; 514/266.230; 544/284.000;  
544/278.000; 544/279.000  
IC [7]  
ICM: A61K031-517  
ICS: A61K031-519  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 54 OF 149 USPATFULL on STN  
AN 2003:79071 USPATFULL  
TI Characterization of GRP94-ligand interactions and purification,  
screening, and therapeutic methods relating thereto  
IN Nicchitta, Christopher V., Durham, NC, UNITED STATES  
Wassenberg, James J., Durham, NC, UNITED STATES  
Rosser, Meredith F.N., Durham, NC, UNITED STATES  
Reed, Robyn C., Durham, NC, UNITED STATES  
PI US 2003054996 A1 20030320  
AI US 2002-210333 A1 20020801 (10)  
RLI Continuation of Ser. No. WO 2001-US9512, filed on 26 Mar 2001, PENDING  
PRAI US 2000-192118P 20000324 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 5078  
INCL INCLM: 514/012.000  
INCLS: 435/199.000  
NCL NCLM: 514/012.000  
NCLS: 435/199.000  
IC [7]  
ICM: A61K038-17  
ICS: C12N009-22

L2 ANSWER 55 OF 149 USPATFULL on STN  
 AN 2003:71948 USPATFULL  
 TI Natural ligand for orphan G protein coupled receptor GPR86 and methods of use  
 IN Communi, Didier, Dilbeek, BELGIUM  
 Suarez, Nathalie, Bruxelles, BELGIUM  
 Detheux, Michel, Mons, BELGIUM  
 Brezillion, Stephane, Bruxelles, BELGIUM  
 Lannoy, Vincent, Liernu, BELGIUM  
 Parmentier, Marc, Linebeek, BELGIUM  
 Boeynaems, Jean-Marie, Wemmel, BELGIUM  
 PI US 2003050235 A1 20030313  
 AI US 2001-924125 A1 20010807 (9)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 3055  
 INCL INCLM: 514/012.000  
 INCLS: 435/007.210  
 NCL NCLM: 514/012.000  
 NCLS: 435/007.210  
 IC [7]  
 ICM: A61K038-17  
 ICS: G01N033-567  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 56 OF 149 USPATFULL on STN  
 AN 2003:51585 USPATFULL  
 TI Pyrazole compounds useful as protein kinase inhibitors  
 IN Bebbington, David, Newbury, UNITED KINGDOM  
 Charrier, Jean-Damien, Wantage, UNITED KINGDOM  
 Golec, Julian, Swindon, UNITED KINGDOM  
 Miller, Andrew, Didcot, UNITED KINGDOM  
 Knegtel, Ronald, Abingdon, UNITED KINGDOM  
 PI US 2003036543 A1 20030220  
 AI US 2001-25164 A1 20011219 (10)  
 PRAI US 2000-257887P 20001221 (60)  
 US 2001-286949P 20010427 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 8794  
 INCL INCLM: 514/234.500  
 INCLS: 514/266.210; 514/269.000; 544/114.000; 544/116.000; 544/295.000;  
 544/284.000; 544/315.000; 514/252.170; 514/252.190  
 NCL NCLM: 514/234.500  
 NCLS: 514/266.210; 514/269.000; 544/114.000; 544/116.000; 544/295.000;  
 544/284.000; 544/315.000; 514/252.170; 514/252.190  
 IC [7]  
 ICM: C07D413-14  
 ICS: C07D043-14; A61K031-5377; A61K031-517  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 57 OF 149 USPATFULL on STN  
 AN 2003:45480 USPATFULL  
 TI Human 2-19 protein homologue, z219a  
 IN Conklin, Darrell C., Seattle, WA, UNITED STATES  
 Blumberg, Hal, Seattle, WA, UNITED STATES  
 PA ZymoGenetics, Inc. (U.S. corporation)  
 PI US 2003032792 A1 20030213  
 AI US 2001-39876 A1 20011026 (10)  
 RLI Continuation of Ser. No. US 1998-167513, filed on 6 Oct 1998, GRANTED,  
 Pat. No. US 6388064  
 PRAI US 1997-61712P 19971006 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 3262  
 INCL INCLM: 536/023.500  
 INCLS: 530/350.000; 435/069.100; 435/325.000; 435/320.100  
 NCL NCLM: 536/023.500  
 NCLS: 530/350.000; 435/069.100; 435/325.000; 435/320.100  
 IC [7]  
 ICM: C07H021-04  
 ICS: C07K014-705  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2003:44759 USPATFULL  
TI Evaluating neuropsychiatric diseases using a specimen-linked database  
IN Muraca, Patrick J., Pittsfield, MA, UNITED STATES  
PI US 2003032069 A1 20030213  
AI US 2002-184671 A1 20020628 (10)  
PRAI US 2001-302223P 20010629 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3380  
INCL INCLM: 435/007.210  
INCLS: 702/019.000  
NCL NCLM: 435/007.210  
NCLS: 702/019.000  
IC [7]  
ICM: G01N033-567  
ICS: G06F019-00; G01N033-48; G01N033-50

L2 ANSWER 59 OF 149 USPATFULL on STN  
AN 2003:30936 USPATFULL  
TI Pyrazole compounds useful as protein kinase inhibitors  
IN Bebbington, David, Newbury, UNITED KINGDOM  
Charrier, Jean-Damien, Wantage, UNITED KINGDOM  
Golet, Julian, Swindon, UNITED KINGDOM  
Pierard, Francoise, Drayton, UNITED KINGDOM  
PI US 2003022885 A1 20030130  
AI US 2001-34019 A1 20011220 (10)  
PRAI US 2000-257887P 20001221 (60)  
US 2001-286949P 20010427 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2271  
INCL INCLM: 514/217.050  
INCLS: 514/217.060; 514/227.800; 514/235.800; 514/245.000; 514/269.000;  
514/275.000; 540/599.000; 540/601.000; 544/060.000; 544/112.000;  
544/122.000; 544/206.000; 544/209.000; 544/324.000  
NCL NCLM: 514/217.050  
NCLS: 514/217.060; 514/227.800; 514/235.800; 514/245.000; 514/269.000;  
514/275.000; 540/599.000; 540/601.000; 544/060.000; 544/112.000;  
544/122.000; 544/206.000; 544/209.000; 544/324.000  
IC [7]  
ICM: C07D417-14  
ICS: C07D413-14; C07D043-14; A61K031-55; A61K031-5377; A61K031-506  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 60 OF 149 USPATFULL on STN  
AN 2003:30380 USPATFULL  
TI Dendritic enriched secreted lymphocyte activation molecule  
IN Ruben, Steven M., Olney, MD, UNITED STATES  
Young, Paul E., Gaithersburg, MD, UNITED STATES  
PI US 2003022327 A1 20030130  
AI US 2002-62523 A1 20020205 (10)  
RLI Continuation-in-part of Ser. No. WO 2000-US21130, filed on 3 Aug 2000,  
UNKNOWN Continuation-in-part of Ser. No. US 1999-369248, filed on 5 Aug  
1999, PENDING Continuation-in-part of Ser. No. WO 1999-US2415, filed on  
4 Feb 1999, UNKNOWN Continuation-in-part of Ser. No. US 1999-244110,  
filed on 4 Feb 1999, PENDING  
PRAI US 2001-267523P 20010206 (60)  
US 2000-190062P 20000317 (60)  
US 1998-73962P 19980206 (60)  
US 1998-78572P 19980319 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 12477  
INCL INCLM: 435/183.000  
INCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200  
NCL NCLM: 435/183.000  
NCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200  
IC [7]  
ICM: C12N009-00  
ICS: C07H021-04; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 61 OF 149 USPATFULL on STN  
AN 2003:10656 USPATFULL  
TI Novel FGF homologs

Conklin, Darrell C., Seattle, WA, UNITED STATES  
Raymond, Fenella C., Seattle, WA, UNITED STATES  
Bukowski, Thomas R., Seattle, WA, UNITED STATES  
Holderman, Susan D., Seattle, WA, UNITED STATES  
Sheppard, Paul O., Redmond, WA, UNITED STATES  
PA ZymoGenetics, Inc. (U.S. corporation)  
PI US 2003008351 A1 20030109  
AI US 2002-81347 A1 20020221 (10)  
RLI Continuation of Ser. No. US 1999-229947, filed on 13 Jan 1999, PENDING  
PRAI US 1996-28646P 19961016 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3583  
INCL INCLM: 435/069.100  
INCLS: 435/325.000; 435/320.100; 514/012.000; 530/350.000; 536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/325.000; 435/320.100; 514/012.000; 530/350.000; 536/023.500  
IC [7]  
ICM: C07K017-00  
ICS: C07K014-00; C07K001-00; C12N005-02; C12N005-00; C12N015-74;  
C12N015-70; C12N015-63; C12N015-00; C12N015-09; C12P021-06; C07H021-04;  
A61K038-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 62 OF 149 USPATFULL on STN  
AN 2003:4125 USPATFULL  
TI Pyrazole compounds useful as protein kinase inhibitors  
IN Bebbington, David, Newbury, UNITED KINGDOM  
Charrier, Jean-Damien, Wantage, UNITED KINGDOM  
PI US 2003004164 A1 20030102  
AI US 2001-34683 A1 20011220 (10)  
PRAI US 2000-257887P 20001221 (60)  
US 2001-286949P 20010427 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2215  
INCL INCLM: 514/242.000  
INCLS: 514/252.050; 544/238.000; 544/182.000  
NCL NCLM: 514/242.000  
NCLS: 514/252.050; 544/238.000; 544/182.000  
IC [7]  
ICM: C07D043-04  
ICS: A61K031-53; A61K031-501

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 63 OF 149 USPATFULL on STN  
AN 2003:4122 USPATFULL  
TI Pyrazole compounds useful as protein kinase inhibitors  
IN Bebbington, David, Newbury, UNITED KINGDOM  
Charrier, Jean-Damien, Wantage, UNITED KINGDOM  
Golec, Julian, Swindon, UNITED KINGDOM  
Green, Jeremy, Burlington, MA, UNITED STATES  
Kay, David, Wiltshire, UNITED KINGDOM  
Knegtel, Ronald, Abingdon, UNITED KINGDOM  
Miller, Andrew, Upton Didcot, UNITED KINGDOM  
Tomlison, Ronald, Marlborough, MA, UNITED STATES  
Li, Pan, Arlington, MA, UNITED STATES  
PI US 2003004161 A1 20030102  
AI US 2001-26975 A1 20011219 (10)  
PRAI US 2000-257887P 20001221 (60)  
US 2001-286949P 20010427 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 9244  
INCL INCLM: 514/227.800  
INCLS: 514/234.500; 514/235.800; 514/252.190; 514/252.170; 514/266.230;  
514/269.000; 544/060.000; 544/123.000; 544/284.000; 544/317.000  
NCL NCLM: 514/227.800  
NCLS: 514/234.500; 514/235.800; 514/252.190; 514/252.170; 514/266.230;  
514/269.000; 544/060.000; 544/123.000; 544/284.000; 544/317.000  
IC [7]  
ICM: C07D417-14  
ICS: C07D413-14; C07D043-14; A61K031-541; A61K031-5377; A61K031-517;  
A61K031-513

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 64 OF 149 USPATFULL on STN  
 AN 2003:279233 USPATFULL  
 TI Apoptosis inducing molecule II and methods of use  
 IN Ebner, Reinhard, Gaithersburg, MD, United States  
 Yu, Guo-Liang, Berkeley, CA, United States  
 Ruben, Steven M., Olney, MD, United States  
 Ullrich, Stephen, Rockville, MD, United States  
 Zhai, Yifan, Guilford, CT, United States  
 PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
 corporation)  
 PI US 6635743 B1 20031021  
 AI US 2000-523323 20000310 (9)  
 RLI Continuation-in-part of Ser. No. US 1999-252656, filed on 19 Feb 1999,  
 now patented, Pat. No. US 6495520 Continuation-in-part of Ser. No. US  
 1998-27287, filed on 20 Feb 1998, now patented, Pat. No. US 6479254  
 Continuation-in-part of Ser. No. US 1998-3886, filed on 7 Jan 1998, now  
 abandoned Continuation-in-part of Ser. No. US 1997-822953, filed on 21  
 Mar 1997, now abandoned  
 PRAI US 1999-168380P 19991202 (60)  
 US 1999-148326P 19990811 (60)  
 US 1999-142657P 19990706 (60)  
 US 1999-137457P 19990604 (60)  
 US 1999-124041P 19990311 (60)  
 US 1998-75409P 19980220 (60)  
 US 1996-30157P 19961031 (60)  
 US 1996-13923P 19960322 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 11419  
 INCL INCLM: 530/388.230  
 INCLS: 530/387.300; 530/388.100; 530/389.100; 530/389.200; 530/387.100;  
 435/007.100; 930/144.000  
 NCL NCLM: 530/388.230  
 NCLS: 530/387.300; 530/388.100; 530/389.100; 530/389.200; 530/387.100;  
 435/007.100; 930/144.000  
 IC [7]  
 ICM: C07K016-00  
 ICS: C07K016-24; C07K014-525; G01N033-53  
 EXF 530/387.1; 530/387.3; 530/388.1; 530/388.23; 530/389.1; 530/389.2;  
 435/7.1; 930/144

L2 ANSWER 65 OF 149 USPATFULL on STN  
 AN 2003:279119 USPATFULL  
 TI Monoclonal antibodies to membrane neutrokin-.alpha.  
 IN Yu, Guo-Liang, Berkeley, CA, United States  
 Ebner, Reinhard, Gaithersburg, MD, United States  
 Ni, Jian, Rockville, MD, United States  
 Rosen, Craig A., Laytonville, MD, United States  
 PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
 corporation)  
 PI US 6635482 B1 20031021  
 AI US 2000-589286 20000608 (9)  
 RLI Continuation of Ser. No. US 2000-507968, filed on 22 Feb 2000  
 Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999  
 Continuation-in-part of Ser. No. US 1998-5874, filed on 12 Jan 1998  
 Continuation-in-part of Ser. No. WO 1996-US17957, filed on 25 Oct 1996  
 PRAI US 2000-176015P 20000114 (60)  
 US 1999-171626P 19991223 (60)  
 US 1999-171108P 19991216 (60)  
 US 1999-168624P 19991203 (60)  
 US 1999-167239P 19991124 (60)  
 US 1999-145824P 19990727 (60)  
 US 1999-142659P 19990706 (60)  
 US 1999-136784P 19990528 (60)  
 US 1999-131673P 19990429 (60)  
 US 1999-131278P 19990427 (60)  
 US 1999-130696P 19990423 (60)  
 US 1999-130412P 19990416 (60)  
 US 1999-127598P 19990402 (60)  
 US 1999-126599P 19990326 (60)  
 US 1999-124097P 19990312 (60)  
 US 1999-122388P 19990302 (60)  
 US 1997-36100P 19970114 (60)  
 DT Utility  
 FS GRANTED

INCL INCLM: 435/326.000  
INCLS: 435/004.000; 435/328.000; 435/331.000; 530/387.100; 530/387.300;  
530/387.900; 530/388.100; 530/388.150  
NCL NCLM: 435/326.000  
NCLS: 435/004.000; 435/328.000; 435/331.000; 530/387.100; 530/387.300;  
530/387.900; 530/388.100; 530/388.150  
IC [7]  
ICM: C12N005-06  
ICS: C12Q001-00; C07K016-00; C12P021-08  
EXF 530/388.15; 530/350; 530/387.1; 530/387.9; 530/388.1; 530/391.1;  
530/391.3; 530/387.3; 514/2; 514/4; 435/4; 435/7.1; 435/326; 435/331;  
435/328; 435/334; 435/335; 435/336; 435/325; 424/130.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 66 OF 149 USPATFULL on STN  
AN 2003:253536 USPATFULL  
TI Nucleic acids encoding human tumor necrosis factor TR20  
IN Ruben, Steven M., Olney, MD, United States  
Baker, Kevin P., Darnestown, MD, United States  
Ni, Jian, Germantown, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 6623941 B1 20030923  
AI US 2001-848295 20010504 (9)  
PRAI US 2000-202193P 20000505 (60)  
DT Utility  
FS GRANTED  
LN.CNT 10960  
INCL INCLM: 435/069.100  
INCLS: 536/023.500; 530/350.000; 435/320.100; 435/252.300; 435/325.000  
NCL NCLM: 435/069.100  
NCLS: 536/023.500; 530/350.000; 435/320.100; 435/252.300; 435/325.000  
IC [7]  
ICM: C12N015-12  
ICS: C07K014-705  
EXF 536/23.5; 530/350; 435/320.1; 435/69.1; 435/252.3; 435/325  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 67 OF 149 USPATFULL on STN  
AN 2003:234803 USPATFULL  
TI Carbocyclic and heterocyclic substituted semicarbazones and  
thiosemicarbazones and the use thereof  
IN Wang, Yan, San Diego, CA, United States  
Cai, Sui Xiong, San Diego, CA, United States  
Lan, Nancy C., S. Pasadena, CA, United States  
Keana, John F. W., Eugene, OR, United States  
Ilyin, Victor I., Irvine, CA, United States  
Weber, Eckard, San Diego, CA, United States  
PA Euro-Celtique S.A., LUXEMBOURG (non-U.S. corporation)  
PI US 6613803 B1 20030902  
AI US 1999-421403 19991021 (9)  
RLI Continuation of Ser. No. WO 1998-US8004, filed on 22 Apr 1998  
PRAI US 1997-62649P 19971022 (60)  
US 1997-44530P 19970422 (60)  
DT Utility  
FS GRANTED  
LN.CNT 2731  
INCL INCLM: 514/583.000  
INCLS: 514/237.500; 514/255.010; 514/274.000; 514/311.000; 514/327.000;  
514/330.000; 514/351.000; 514/459.000; 514/466.000; 514/590.000  
NCL NCLM: 514/583.000  
NCLS: 514/237.500; 514/255.010; 514/274.000; 514/311.000; 514/327.000;  
514/330.000; 514/351.000; 514/459.000; 514/466.000; 514/590.000  
IC [7]  
ICM: A61K031-17  
ICS: A61K031-175  
EXF 514/237.5; 514/255.01; 514/274; 514/311; 514/327; 514/330; 514/331;  
514/459; 514/466; 514/583; 514/590  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 68 OF 149 USPATFULL on STN  
AN 2003:197132 USPATFULL  
TI S-adenosyl methionine regulation of metabolic pathways and its use in  
diagnosis and therapy  
IN Schwartz, Dennis E., Redmond, WA, United States

PA O'Day, Christine L., Mountlake Terrace, WA, United States  
MediQuest Therapeutics, Inc., Seattle, WA, United States (U.S.  
corporation)  
PI US 6596701 B1 20030722  
WO 9633703 19961031  
AI US 1998-930128 19980316 (8)  
WO 1996-US5799 19960425  
RLI Continuation-in-part of Ser. No. US 1995-476447, filed on 7 Jun 1995,  
now abandoned Continuation-in-part of Ser. No. US 1995-428963, filed on  
25 Apr 1995  
DT Utility  
FS GRANTED  
LN.CNT 4938  
INCL INCLM: 514/046.000  
INCLS: 435/007.100; 528/338.000; 528/340.000  
NCL NCLM: 514/046.000  
NCLS: 435/007.100; 528/338.000; 528/340.000  
IC [7]  
ICM: A01N043-04  
ICS: G01N033-53; C08G069-26  
EXF 435/7.1; 514/46; 528/338; 528/340  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 69 OF 149 USPATFULL on STN  
AN 2003:183970 USPATFULL  
TI Method of detecting axonally-derived protein \*\*\*\*tau\*\*\*\* in patients  
with traumatic CNS injury  
IN Zemlan, Frank P., Cincinnati, OH, United States  
PA University of Cincinnati, Cincinnati, OH, United States (U.S.  
corporation)  
PI US 6589746 B1 20030708  
AI US 2000-694627 20001023 (9)  
PRAI US 1999-160690P 19991021 (60)  
DT Utility  
FS GRANTED  
LN.CNT 1568  
INCL INCLM: 435/007.100  
INCLS: 435/007.920; 435/007.940; 436/503.000; 424/130.100; 530/300.000  
NCL NCLM: 435/007.100  
NCLS: 424/130.100; 435/007.920; 435/007.940; 436/503.000; 530/300.000  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-533; G01N033-543; G01N033-567; A61K039-395  
EXF 435/35; 435/69.1; 435/325; 435/7.1; 435/7.92; 530/300; 424/130.1;  
424/184.1; 436/503  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 70 OF 149 USPATFULL on STN  
AN 2003:137150 USPATFULL  
TI Adipocyte-specific protein homologs  
IN Sheppard, Paul O., Granite Falls, WA, United States  
PA ZymoGenetics, Inc., Seattle, WA, United States (U.S. corporation)  
PI US 6566499 B1 20030520  
AI US 2000-506852 20000217 (9)  
RLI Continuation-in-part of Ser. No. US 1998-118408, filed on 17 Jul 1998,  
now patented, Pat. No. US 6265544  
PRAI US 1997-53154P 19970718 (60)  
DT Utility  
FS GRANTED  
LN.CNT 3609  
INCL INCLM: 530/350.000  
INCLS: 435/069.400; 435/325.000; 435/252.300; 435/320.100; 536/023.100  
NCL NCLM: 530/350.000  
NCLS: 435/069.400; 435/252.300; 435/320.100; 435/325.000; 536/023.100  
IC [7]  
ICM: C07K017-00  
ICS: C07H021-04; C12N015-09; C12N005-02; C12N001-20  
EXF 435/69.4; 435/325; 435/252.3; 435/320.1; 530/350; 536/23.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 71 OF 149 USPATFULL on STN  
AN 2003:130038 USPATFULL  
TI Transgenic mice over-expressing receptor for advanced glycation  
endproduct (RAGE) and mutant APP in brain and uses thereof  
IN Stern, David M., Great Neck, NY, United States



PA Yan, Shi Du, New York, NY, United States  
The Trustees of Columbia University in the City of New York, New York,  
NY, United States (U.S. corporation)  
PI US 6563015 B1 20030513  
AI US 2000-638649 20000814 (9)  
DT Utility  
FS GRANTED  
LN.CNT 1854  
INCL INCLM: 800/003.000  
INCLS: 800/012.000; 800/018.000  
NCL NCLM: 800/003.000  
NCLS: 800/012.000; 800/018.000  
IC [7]  
ICM: G01N033-00  
EXF 800/12; 800/18; 800/3  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 72 OF 149 USPATFULL on STN  
AN 2003:129800 USPATFULL  
TI Diagnostic methods using antibodies to Neutrokine-alpha  
IN Yu, Guo-Liang, Berkeley, CA, United States  
Ebner, Reinhard, Gaithersburg, MD, United States  
Ni, Jian, Rockville, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 6562579 B1 20030513  
AI US 2000-588947 20000608 (9)  
RLI Continuation of Ser. No. US 2000-507968, filed on 22 Feb 2000  
Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999  
Continuation-in-part of Ser. No. US 1998-5874, filed on 12 Jan 1998  
Continuation-in-part of Ser. No. WO 1996-US17957, filed on 25 Oct 1996  
PRAI US 1997-36100P 19970114 (60)  
US 1999-122388P 19990302 (60)  
US 1999-124097P 19990312 (60)  
US 1999-126599P 19990326 (60)  
US 1999-127598P 19990402 (60)  
US 1999-130412P 19990416 (60)  
US 1999-130696P 19990423 (60)  
US 1999-131278P 19990427 (60)  
US 1999-131673P 19990429 (60)  
US 1999-136784P 19990528 (60)  
US 1999-142659P 19990706 (60)  
US 1999-145824P 19990727 (60)  
US 1999-167239P 19991124 (60)  
US 1999-168624P 19991203 (60)  
US 1999-171108P 19991216 (60)  
US 1999-171626P 19991223 (60)  
US 2000-176015P 20000114 (60)  
DT Utility  
FS GRANTED  
LN.CNT 15469  
INCL INCLM: 435/007.100  
INCLS: 435/007.200; 530/350.000; 530/387.900; 530/388.100; 530/388.230;  
530/389.100; 530/391.300  
NCL NCLM: 435/007.100  
NCLS: 435/007.200; 530/350.000; 530/387.900; 530/388.100; 530/388.230;  
530/389.100; 530/391.300  
IC [7]  
ICM: G01N033-53  
ICS: C07K016-24  
EXF 435/7.1; 435/7.23; 435/7.24; 435/7.7; 530/350; 530/351; 530/387.1;  
530/388.1; 530/388.23; 514/2; 514/4  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 73 OF 149 USPATFULL on STN  
AN 2003:47516 USPATFULL  
TI Adipocyte complement related protein homolog zacrp3  
IN Piddington, Christopher S., Thousand Oaks, CA, United States  
Bishop, Paul D., Fall City, WA, United States  
PA ZymoGenetics, Inc., Seattle, WA, United States (U.S. corporation)  
PI US 6521233 B1 20030218  
AI US 2000-552225 20000419 (9)  
PRAI US 1999-130199P 19990420 (60)  
DT Utility

LN.CNT 3334  
INCL INCLM: 424/192.100  
INCLS: 530/350.000; 530/402.000; 424/001.370; 424/193.100; 435/069.700  
NCL NCLM: 424/192.100  
NCLS: 424/001.370; 424/193.100; 435/069.700; 530/350.000; 530/402.000  
IC [7]  
ICM: C07K014-00  
ICS: C07K014-47; C12N015-00  
EXF 530/310; 530/402; 424/1.37; 424/192.1; 424/193.1; 435/69.7  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 74 OF 149 USPATFULL on STN  
AN 2003:40660 USPATFULL  
TI FGF homologs  
IN Deisher, Theresa A., Seattle, WA, United States  
Conklin, Darrell C., Seattle, WA, United States  
Raymond, Fenella, Seattle, WA, United States  
Bukowski, Thomas R., Seattle, WA, United States  
Holderman, Susan D., Seattle, WA, United States  
Hansen, Birgit, Seattle, WA, United States  
Sheppard, Paul O., Redmond, WA, United States  
PA ZymoGenetics, Inc., Seattle, WA, United States (U.S. corporation)  
PI US 6518236 B1 20030211  
AI US 1999-229947 19990113 (9)  
RLI Continuation-in-part of Ser. No. US 1997-951822, filed on 16 Oct 1997,  
now patented, Pat. No. US 5989866  
PRAI US 1996-28646P 19961016 (60)  
DT Utility  
FS GRANTED  
LN.CNT 3301  
INCL INCLM: 514/002.000  
INCLS: 514/012.000; 530/350.000; 530/399.000; 435/069.700  
NCL NCLM: 514/002.000  
NCLS: 435/069.700; 514/012.000; 530/350.000; 530/399.000  
IC [7]  
ICM: C07K014-50  
ICS: A61K038-18  
EXF 514/2; 514/12; 530/399; 530/350; 435/69.7  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 75 OF 149 USPATFULL on STN  
AN 2003:6434 USPATFULL  
TI Human tumor necrosis factor receptor-like proteins TR11, TR11SV1 and  
TR11SV2  
IN Ni, Jian, Rockville, MD, United States  
Ruben, Steven M., Olney, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 6503184 B1 20030107  
AI US 2000-512363 20000223 (9)  
RLI Continuation-in-part of Ser. No. US 1998-176200, filed on 21 Oct 1998  
PRAI US 1999-121648P 19990224 (60)  
US 1999-134172P 19990513 (60)  
US 1999-144076P 19990716 (60)  
US 1997-63212P 19971021 (60)  
DT Utility  
FS GRANTED  
LN.CNT 11041  
INCL INCLM: 574/012.000  
INCLS: 514/002.000  
NCL NCLM: 514/012.000  
NCLS: 514/002.000  
IC [7]  
ICM: A61K038-00  
EXF 514/2; 514/12; 424/278.1; 424/283.1; 424/178.1; 424/184.1; 424/185.1;  
424/192.1; 424/198.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 76 OF 149 USPATFULL on STN DUPLICATE 5  
AN 2002:280793 USPATFULL  
TI Adipocyte-specific protein homologs  
IN Sheppard, Paul O., Redmond, WA, UNITED STATES  
PA ZymoGenetics, Inc. (U.S. corporation)  
PI US 2002156243 A1 20021024  
US 6518403 B2 20030211

RLI Division of Ser. No. US 1998-118408, filed on 17 Jul 1998, GRANTED, Pat.  
No. US 6265544  
PRAI US 1997-53154P 19970718 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3492  
INCL INCLM: 530/356.000  
INCLS: 435/183.000; 530/395.000  
NCL NCLM: 530/387.300  
NCLS: 530/387.900; 530/388.240; 530/389.200  
IC [7]  
ICM: C07K014-78  
ICS: C12N009-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 77 OF 149 USPATFULL on STN DUPLICATE 6  
AN 2002:126317 USPATFULL  
TI Human tumor necrosis factor delta and epsilon  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Gentz, Reiner L., Rockville, MD, UNITED STATES  
Dillon, Patrick J., Carlsbad, CA, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.  
corporation)  
PI US 2002064829 A1 20020530  
US 6541224 B2 20030401  
AI US 2001-879919 A1 20010614 (9)  
RLI Continuation-in-part of Ser. No. US 1997-815783, filed on 12 Mar 1997,  
PENDING  
PRAI US 1996-16812P 19960314 (60)  
US 2001-293499P 20010525 (60)  
US 2001-277978P 20010323 (60)  
US 2001-276248P 20010316 (60)  
US 2000-254875P 20001213 (60)  
US 2000-241952P 20001023 (60)  
US 2000-211537P 20000615 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13531  
INCL INCLM: 435/069.100  
INCLS: 435/325.000; 435/320.100; 530/351.000; 424/145.100; 530/388.230;  
536/023.500  
NCL NCLM: 435/069.500  
NCLS: 435/007.710; 435/069.100; 435/069.700; 435/070.100; 514/002.000;  
514/012.000; 530/350.000; 530/351.000  
IC [7]  
ICM: A61K039-395  
ICS: C07K014-525; C07K016-24; C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 78 OF 149 USPATFULL on STN DUPLICATE 7  
AN 2002:119898 USPATFULL  
TI Carbocyclic and heterocyclic substituted semicarbazones and  
thiosemicarbazones and the use thereof  
IN Wang, Yan, San Diego, CA, UNITED STATES  
Cai, Sui Xiong, San Diego, CA, UNITED STATES  
Keana, John Fw, Eugene, OR, UNITED STATES  
PA CoCensys, Inc. (U.S. corporation)  
PI US 2002061886 A1 20020523  
US 6638947 B2 20031028  
AI US 2001-3249 A1 20011206 (10)  
RLI Division of Ser. No. US 1999-421403, filed on 21 Oct 1999, PENDING  
Continuation of Ser. No. WO 1998-US8004, filed on 22 Apr 1998, UNKNOWN  
PRAI US 1997-44530P 19970422 (60)  
US 1997-62649P 19971022 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2456  
INCL INCLM: 514/235.500  
INCLS: 514/255.010; 514/317.000; 514/330.000; 514/581.000; 514/590.000  
NCL NCLM: 514/317.000  
NCLS: 514/351.000; 514/459.000; 514/466.000; 514/583.000; 514/590.000;  
546/221.000; 546/291.000; 549/419.000; 549/438.000; 564/020.000;  
564/021.000; 564/036.000  
IC [7]

ICS: A61K031-495; A61K031-445; A61K031-175  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 79 OF 149 USPATFULL on STN DUPLICATE 8  
AN 2002:283360 USPATFULL  
TI Keratinocyte derived interferon  
IN LaFleur, David W., Washington, DC, United States  
Moore, Paul A., Germantown, MD, United States  
Ruben, Steven M., Olney, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 6472512 B1 20021029  
US 2002187950 A1 20021212  
AI US 2001-908594 20010720 (9)  
RLI Continuation-in-part of Ser. No. US 2000-487792, filed on 20 Jan 2000  
Continuation-in-part of Ser. No. WO 2000-US1239, filed on 20 Jan 2000  
Continuation-in-part of Ser. No. US 1999-358587, filed on 21 Jul 1999  
Continuation-in-part of Ser. No. WO 1999-US16424, filed on 21 Jul 1999  
Continuation-in-part of Ser. No. US 2001-358587, filed on 24 May 2001,  
now abandoned Continuation-in-part of Ser. No. WO 1998-US9916424, filed  
on 21 Jul 1998, now abandoned  
PRAI US 2001-292934P 20010524 (60)  
US 2000-219621P 20000721 (60)  
US 1998-93643P 19980721 (60)  
DT Utility  
FS GRANTED  
LN.CNT 14148  
INCL INCLM: 530/388.200  
INCLS: 530/388.150; 530/389.200; 530/391.300; 435/007.920; 435/331.000;  
435/335.000  
NCL NCLM: 530/388.200  
NCLS: 435/007.920; 435/331.000; 435/335.000; 530/388.150; 530/389.200;  
530/391.300  
IC [7]  
ICM: C07K016-00  
ICS: C07K016-24; C12P021-08; G01N033-53  
EXF 530/388.15; 530/388.2; 530/389.2; 530/391.3; 435/331; 435/335; 435/7.92  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 80 OF 149 USPATFULL on STN  
AN 2002:339252 USPATFULL  
TI Gene-targeted animal model of apolipoprotein E4 domain interaction and  
uses thereof  
IN Weisgraber, Karl H., Walnut Creek, CA, UNITED STATES  
Farese, Robert V., San Francisco, CA, UNITED STATES  
Raffai, Robert, San Francisco, CA, UNITED STATES  
Dong, Li-Ming, Palo Alto, CA, UNITED STATES  
PI US 2002194628 A1 20021219  
AI US 2001-17718 A1 20011214 (10)  
PRAI US 2001-276861P 20010316 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2102  
INCL INCLM: 800/008.000  
INCLS: 435/325.000; 530/359.000; 800/018.000  
NCL NCLM: 800/008.000  
NCLS: 435/325.000; 530/359.000; 800/018.000  
IC [7]  
ICM: A01K067-00  
ICS: A01K067-027; C12N005-06; C07K014-775  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 81 OF 149 USPATFULL on STN  
AN 2002:337940 USPATFULL  
TI Cytokine receptor common gamma chain like  
IN Ruben, Steven M., Olney, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Moore, Paul A., Germantown, MD, UNITED STATES  
PI US 2002193305 A1 20021219  
AI US 2002-78059 A1 20020220 (10)  
RLI Continuation-in-part of Ser. No. WO 2000-US22493, filed on 17 Aug 2000,  
UNKNOWN Continuation-in-part of Ser. No. US 1999-376430, filed on 18 Aug  
1999, PENDING Continuation-in-part of Ser. No. WO 1999-US5068, filed on  
5 Mar 1999, UNKNOWN Continuation-in-part of Ser. No. US 1999-263626,  
filed on 5 Mar 1999, PENDING

US 1998-78563P 19980319 (60)  
US 1998-86505P 19980522 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13770  
INCL INCLM: 514/012.000  
INCLS: 530/350.000; 536/023.500; 435/069.100; 435/325.000; 435/320.100  
NCL NCLM: 514/012.000  
NCLS: 530/350.000; 536/023.500; 435/069.100; 435/325.000; 435/320.100  
IC [7]  
ICM: A61K038-17  
ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-715  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 82 OF 149 USPATFULL on STN  
AN 2002:337920 USPATFULL  
TI Neuroprotectants formulations and methods  
IN Hesson, David P., Malvern, PA, UNITED STATES  
Frazer, Glen D., Wynnewood, PA, UNITED STATES  
Ross, Douglas, North Wales, PA, UNITED STATES  
PI US 2002193285 A1 20021219  
AI US 2002-90441 A1 20020304 (10)  
PRAI US 2001-331360P 20010302 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 870  
INCL INCLM: 514/001.000  
NCL NCLM: 514/001.000  
IC [7]  
ICM: A61K031-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 83 OF 149 USPATFULL on STN  
AN 2002:329846 USPATFULL  
TI Neutrokin- $\alpha$  binding proteins and methods based thereon  
IN Ruben, Steven M., Olney, MD, UNITED STATES  
Ullrich, Stephen, Rockville, MD, UNITED STATES  
Baker, Kevin, Darnestown, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)  
PI US 2002187526 A1 20021212  
AI US 2002-84971 A1 20020301 (10)  
RLI Continuation of Ser. No. US 2000-533822, filed on 24 Mar 2000, PENDING  
PRAI US 1999-126599P 19990326 (60)  
US 2000-188208P 20000310 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13242  
INCL INCLM: 435/069.500  
INCLS: 435/320.100; 435/325.000; 536/023.500; 530/351.000  
NCL NCLM: 435/069.500  
NCLS: 435/320.100; 435/325.000; 536/023.500; 530/351.000  
IC [7]  
ICM: C12P021-02  
ICS: C07H021-04; C07K014-52; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 84 OF 149 USPATFULL on STN  
AN 2002:323155 USPATFULL  
TI Carbocyclic and heterocyclic substituted semicarbazones and thiosemicarbazones and the use thereof  
IN Wang, Yan, San Diego, CA, UNITED STATES  
Cai, Sui Xiong, San Diego, CA, UNITED STATES  
Lan, Nancy C., S. Pasadena, CA, UNITED STATES  
Keana, John F.W., Eugene, OR, UNITED STATES  
Ilyin, Victor I., Irvine, CA, UNITED STATES  
PI US 2002183321 A1 20021205  
AI US 2002-178477 A1 20020625 (10)  
RLI Division of Ser. No. US 1999-421403, filed on 21 Oct 1999, PENDING  
Continuation of Ser. No. WO 1998-US8004, filed on 22 Apr 1998, UNKNOWN  
PRAI US 1997-44530P 19970422 (60)  
US 1997-62649P 19971022 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2610

NCL INCLS: 514/255.010; 514/317.000; 514/582.000; 514/590.000  
NCLM: 514/237.800  
NCLS: 514/255.010; 514/317.000; 514/582.000; 514/590.000  
IC [7]  
ICM: A61K031-535  
ICS: A61K031-495; A61K031-445; A61K031-175  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 85 OF 149 USPATFULL on STN  
AN 2002:308385 USPATFULL  
TI Serotonergic compositions and methods for treatment of mild cognitive impairment  
IN Wurtman, Richard J., Boston, MA, UNITED STATES  
Lee, Robert K. K., Boston, MA, UNITED STATES  
PI US 2002173511 A1 20021121  
AI US 2001-986469 A1 20011108 (9)  
PRAI US 2000-246615P 20001108 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1148  
INCL INCLM: 514/252.120  
INCLS: 514/254.020; 514/304.000; 514/255.030; 514/419.000; 514/321.000;  
514/322.000; 514/438.000; 514/635.000; 514/456.000; 514/657.000  
NCL NCLM: 514/252.120  
NCLS: 514/254.020; 514/304.000; 514/255.030; 514/419.000; 514/321.000;  
514/322.000; 514/438.000; 514/635.000; 514/456.000; 514/657.000  
IC [7]  
ICM: A61K031-496  
ICS: A61K031-495; A61K031-454; A61K031-46; A61K031-4535; A61K031-353;  
A61K031-405; A61K031-155; A61K031-135  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 86 OF 149 USPATFULL on STN  
AN 2002:301557 USPATFULL  
TI Intranasal delivery of agents for regulating development of implanted cells in the CNS  
IN Frey, William H., II, White Bear, MN, UNITED STATES  
PI US 2002169102 A1 20021114  
AI US 2002-114385 A1 20020402 (10)  
PRAI US 2001-281062P 20010403 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2177  
INCL INCLM: 514/001.000  
INCLS: 435/368.000  
NCL NCLM: 514/001.000  
NCLS: 435/368.000  
IC [7]  
ICM: A61K031-00  
ICS: C12N005-08  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 87 OF 149 USPATFULL on STN  
AN 2002:300816 USPATFULL  
TI Human tumor necrosis factor receptor TR9  
IN Ni, Jian, Germantown, MD, UNITED STATES  
Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Fan, Ping, Potomac, MD, UNITED STATES  
Gentz, Reiner L., Rockville, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)  
PI US 2002168359 A1 20021114  
AI US 2002-41574 A1 20020110 (10)  
RLI Division of Ser. No. US 2000-527236, filed on 16 Mar 2000, PATENTED  
Continuation-in-part of Ser. No. US 1998-95094, filed on 10 Jun 1998, PENDING  
PRAI US 1999-134220P 19990514 (60)  
US 1999-126019P 19990324 (60)  
US 1997-52991P 19970611 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 9755  
INCL INCLM: 424/139.100  
INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.200  
NCL NCLM: 424/139.100

IC [7]  
ICM: A61K039-395  
ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-715  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 88 OF 149 USPATFULL on STN  
AN 2002:300807 USPATFULL  
TI Methods for treating disorders of neuronal deficiency with bone marrow-derived cells  
IN Brazelton, Timothy R., Cupertino, CA, UNITED STATES  
Blau, Helen M., Menlo Park, CA, UNITED STATES  
PI US 2002168350 A1 20021114  
AI US 2001-993045 A1 20011113 (9)  
PRAI US 2000-247128P 20001110 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1696  
INCL INCLM: 424/093.210  
INCLS: 424/093.700  
NCL NCLM: 424/093.210  
NCLS: 424/093.700  
IC [7]  
ICM: A61K048-00

L2 ANSWER 89 OF 149 USPATFULL on STN  
AN 2002:295110 USPATFULL  
TI Crystallization of IGF-1  
IN Schaffer, Michelle, Cambridge, UNITED KINGDOM  
Ultsch, Mark, Mill Valley, CA, UNITED STATES  
Vajdos, Felix, Ledyard, CT, UNITED STATES  
PA GENENTECH, INC. (non-U.S. corporation)  
PI US 2002165155 A1 20021107  
AI US 2002-66009 A1 20020201 (10)  
PRAI US 2001-287072P 20010427 (60)  
US 2001-267977P 20010209 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2360  
INCL INCLM: 514/012.000  
INCLS: 530/350.000; 702/019.000  
NCL NCLM: 514/012.000  
NCLS: 530/350.000; 702/019.000  
IC [7]  
ICM: A61K038-18  
ICS: G06F019-00; G01N033-48; G01N033-50; C07K014-475  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 90 OF 149 USPATFULL on STN  
AN 2002:294612 USPATFULL  
TI Protein-protein interactions in neurodegenerative diseases  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
Heichman, Karen, Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)  
PI US 2002164655 A1 20021107  
AI US 2001-973941 A1 20011011 (9)  
PRAI US 2000-240790P 20001017 (60)  
US 2001-304775P 20010713 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3277  
INCL INCLM: 435/007.200  
INCLS: 435/183.000; 530/388.260  
NCL NCLM: 435/007.200  
NCLS: 435/183.000; 530/388.260  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-567; C12N009-00; C07K016-40  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 91 OF 149 USPATFULL on STN  
AN 2002:287633 USPATFULL  
TI Isolated GRP94 ligand binding domain polypeptide and nucleic acid encoding same, and screening methods employing same  
IN Gewirth, Daniel T., Durham, NC, UNITED STATES

PI US 2002160496 A1 20021031  
AI US 2001-968436 A1 20011001 (9)  
RLI Continuation-in-part of Ser. No. WO 2001-US9512, filed on 26 Mar 2001,  
UNKNOWN  
PRAI US 2000-192118P 20000324 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 5917  
INCL INCLM: 435/226.000  
INCLS: 435/320.100; 435/325.000; 435/069.100; 536/023.200  
NCL NCLM: 435/226.000  
NCLS: 435/320.100; 435/325.000; 435/069.100; 536/023.200  
IC [7]  
ICM: C12N009-64  
ICS: C07H021-04; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 92 OF 149 USPATFULL on STN  
AN 2002:287552 USPATFULL  
TI Methods, pharmaceutical formulations and kits for identification of  
subjects at risk for cancer and for the prevention of cancer in at- risk  
subjects  
IN Neely, Constance F., Raleigh, NC, UNITED STATES  
PI US 2002160415 A1 20021031  
AI US 2000-569394 A1 20000512 (9)  
PRAI US 1999-134276P 19990514 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1405  
INCL INCLM: 435/007.100  
INCLS: 424/009.100; 435/001.100; 435/004.000; 435/325.000; 435/007.230;  
435/007.240; 530/350.000; 530/351.000  
NCL NCLM: 435/007.100  
NCLS: 424/009.100; 435/001.100; 435/004.000; 435/325.000; 435/007.230;  
435/007.240; 530/350.000; 530/351.000  
IC [7]  
ICM: A01N001-00  
ICS: A01N001-02; C12Q001-00; G01N033-53; G01N033-574; G01N033-555;  
G01N033-567; A61K049-00; C12N005-00; C12N005-02; C07K001-00; C07K014-00;  
C07K017-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 93 OF 149 USPATFULL on STN  
AN 2002:273550 USPATFULL  
TI Nucleic acids, proteins and antibodies  
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
PI US 2002151681 A1 20021017  
AI US 2001-925300 A1 20010810 (9)  
RLI Continuation-in-part of Ser. No. WO 2000-US5988, filed on 8 Mar 2000,  
UNKNOWN  
PRAI US 1999-124270P 19990312 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 29771  
INCL INCLM: 530/350.000  
INCLS: 536/023.500; 435/325.000; 435/320.100; 435/069.300  
NCL NCLM: 530/350.000  
NCLS: 536/023.500; 435/325.000; 435/320.100; 435/069.300  
IC [7]  
ICM: C07K014-435  
ICS: C07H021-04; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 94 OF 149 USPATFULL on STN  
AN 2002:272419 USPATFULL  
TI Tumor necrosis factor-gamma  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Zhang, Jun, Bethesda, MD, UNITED STATES  
PI US 2002150534 A1 20021017  
AI US 2001-899059 A1 20010706 (9)  
RLI Continuation-in-part of Ser. No. WO 2000-US11689, filed on 28 Apr 2000,  
UNKNOWN Continuation-in-part of Ser. No. US 1999-246129, filed on 8 Feb



7 Aug 1998, PENDING Continuation-in-part of Ser. No. US 1998-5020, filed on 9 Jan 1998, ABANDONED Continuation-in-part of Ser. No. US 1995-461246, filed on 5 Jun 1995, ABANDONED Continuation-in-part of Ser. No. WO 1994-US12880, filed on 7 Nov 1994, UNKNOWN

PRAI US 2001-278449P 20010326 (60)  
US 2000-216879P 20000707 (60)  
US 2000-180908P 20000208 (60)  
US 1999-134067P 19990513 (60)  
US 1999-132227P 19990503 (60)  
US 1999-131963P 19990430 (60)  
US 1998-74047P 19980209 (60)

DT Utility  
FS APPLICATION

LN.CNT 12881

INCL INCLM: 424/001.490  
INCLS: 424/145.100

NCL NCLM: 424/001.490  
NCLS: 424/145.100

IC [7]

ICM: A61K051-00  
ICS: A61K039-395

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 95 OF 149 USPATFULL on STN

AN 2002:258404 USPATFULL

TI Method for administering a cytokine to the central nervous system and the lymphatic system

IN Frey, William H., II, North Oaks, MN, UNITED STATES

PA Chiron Corporation (U.S. corporation)

PI US 2002141971 A1 20021003

AI US 2002-102163 A1 20020320 (10)

RLI Continuation of Ser. No. US 2000-733168, filed on 8 Dec 2000, PENDING

PRAI US 1999-200708P 19991209 (60)

DT Utility

FS APPLICATION

LN.CNT 2947

INCL INCLM: 424/085.100  
INCLS: 424/045.000; 424/085.500; 424/085.600; 424/085.700

NCL NCLM: 424/085.100  
NCLS: 424/045.000; 424/085.500; 424/085.600; 424/085.700

IC [7]

ICM: A61K038-21  
ICS: A61L009-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 96 OF 149 USPATFULL on STN

AN 2002:229107 USPATFULL

TI Protein-protein interactions in neurodegenerative diseases

IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES

Bartel, Paul L., Salt Lake City, UT, UNITED STATES

Heichman, Karen, Salt Lake City, UT, UNITED STATES

PI US 2002124273 A1 20020905

AI US 2001-973965 A1 20011011 (9)

PRAI US 2000-240790P 20001017 (60)

US 2001-304775P 20010713 (60)

DT Utility

FS APPLICATION

LN.CNT 3256

INCL INCLM: 800/003.000  
INCLS: 435/007.930

NCL NCLM: 800/003.000  
NCLS: 435/007.930

IC [7]

ICM: G01N033-00  
ICS: G01N033-53; G01N033-542; G01N033-537; G01N033-543

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 97 OF 149 USPATFULL on STN

AN 2002:221785 USPATFULL

TI Protein-protein interactions in neurodegenerative diseases

IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES

Bartel, Paul L., Salt Lake City, UT, UNITED STATES

Heichman, Karen, Salt Lake City, UT, UNITED STATES

PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)

PI US 2002119927 A1 20020829

PRAI US 2000-240790P 20001017 (60)

DT Utility

FS APPLICATION

LN.CNT 3204

INCL INCLM: 514/012.000

INCLS: 424/146.100

NCL NCLM: 514/012.000

NCLS: 424/146.100

IC [7]

ICM: A61K039-395

ICS: A61K038-17

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 98 OF 149 USPATFULL on STN

AN 2002:221020 USPATFULL

TI Protein-protein interactions in neurodegenerative diseases

IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES

Bartel, Paul L., Salt Lake City, UT, UNITED STATES

Heichman, Karen, Salt Lake City, UT, UNITED STATES

PA Myriad Genetics, Inc., Salt Lake City, UT, UNITED STATES (U.S. corporation)

PI US 2002119155 A1 20020829

AI US 2001-972038 A1 20011009 (9)

PRAI US 2000-240790P 20001017 (60)

DT Utility

FS APPLICATION

LN.CNT 3081

INCL INCLM: 424/146.100

INCLS: 530/388.260; 435/226.000; 435/007.200; 435/006.000

NCL NCLM: 424/146.100

NCLS: 530/388.260; 435/226.000; 435/007.200; 435/006.000

IC [7]

ICM: A61K039-395

ICS: C12Q001-68; G01N033-53; C12N009-64; G01N033-567; C07K016-40

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 99 OF 149 USPATFULL on STN

AN 2002:214220 USPATFULL

TI Protein-protein interactions in neurodegenerative diseases

IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES

Bartel, Paul L., Salt Lake City, UT, UNITED STATES

Heichman, Karen, Salt Lake City, UT, UNITED STATES

PA Myriad Genetics, Inc., Salt Lake City, UT, UNITED STATES (U.S. corporation)

PI US 2002115607 A1 20020822

AI US 2001-975072 A1 20011012 (9)

PRAI US 2000-240790P 20001017 (60)

DT Utility

FS APPLICATION

LN.CNT 3574

INCL INCLM: 514/012.000

INCLS: 424/146.100; 435/226.000; 530/350.000; 435/194.000

NCL NCLM: 514/012.000

NCLS: 424/146.100; 435/226.000; 530/350.000; 435/194.000

IC [7]

ICM: A61K038-17

ICS: A61K039-395; C12N009-64; C07K014-435; C12N009-12

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 100 OF 149 USPATFULL on STN

AN 2002:214219 USPATFULL

TI Protein-protein interactions in neurodegenerative diseases

IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES

Bartel, Paul L., Salt Lake City, UT, UNITED STATES

Heichman, Karen, Salt Lake City, UT, UNITED STATES

PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)

PI US 2002115606 A1 20020822

AI US 2001-973964 A1 20011011 (9)

PRAI US 2000-240790P 20001017 (60)

US 2001-304775P 20010713 (60)

DT Utility

FS APPLICATION

LN.CNT 3354

INCL INCLM: 514/012.000

NCL NCLM: 514/012.000

ICM: A61K038-17  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 101 OF 149 USPATFULL on STN  
AN 2002:213743 USPATFULL  
TI Protein-protein interactions in neurodegenerative diseases  
IN Roch, Jean-Mark, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
Heichman, Karen, Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc. (U.S. corporation)  
PI US 2002115119 A1 20020822  
AI US 2001-973063 A1 20011010 (9)  
PRAI US 2000-240790P 20001017 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3133  
INCL INCLM: 435/007.210  
NCL NCLM: 435/007.210  
IC [7]  
ICM: G01N033-567

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 102 OF 149 USPATFULL on STN  
AN 2002:213736 USPATFULL  
TI Neutrokin- $\alpha$  and Neutrokin- $\alpha$  splice variant  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ullrich, Stephen, Rockville, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)  
PI US 2002115112 A1 20020822  
AI US 2001-929493 A1 20010815 (9)  
RLI Continuation-in-part of Ser. No. US 2000-588947, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589285, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589286, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589287, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-586288, filed on 2 Jun 2000, PATENTED Continuation-in-part of Ser. No. US 2000-507968, filed on 22 Feb 2000, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999, PENDING  
PRAI US 2000-225628P 20000815 (60)  
US 2000-227008P 20000823 (60)  
US 2000-234338P 20000922 (60)  
US 2000-240806P 20001017 (60)  
US 2000-250020P 20001130 (60)  
US 2001-276248P 20010316 (60)  
US 2001-293499P 20010525 (60)  
US 2001-296122P 20010607 (60)  
US 2001-304809P 20010713 (60)  
US 1999-122388P 19990302 (60)  
US 1999-124097P 19990312 (60)  
US 1999-126599P 19990326 (60)  
US 1999-127598P 19990402 (60)  
US 1999-130412P 19990416 (60)  
US 1999-130696P 19990423 (60)  
US 1999-131278P 19990427 (60)  
US 1999-131673P 19990429 (60)  
US 1999-136784P 19990528 (60)  
US 1999-142659P 19990706 (60)  
US 1999-145824P 19990727 (60)  
US 1999-167239P 19991124 (60)  
US 1999-168624P 19991203 (60)  
US 1999-171108P 19991216 (60)  
US 1999-171626P 19991223 (60)  
US 2000-176015P 20000114 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 18178  
INCL INCLM: 435/007.200  
INCLS: 530/388.230; 424/145.100  
NCL NCLM: 435/007.200

IC [7]  
ICM: C07K016-24  
ICS: G01N033-567; G01N033-53; A61K039-395  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 103 OF 149 USPATFULL on STN  
AN 2002:213426 USPATFULL  
TI Protein-protein interactions in neurodegenerative diseases  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
Heichman, Karen, Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc., Salt Lake City, UT, UNITED STATES (U.S. corporation)  
PI US 2002114799 A1 20020822  
AI US 2001-973077 A1 20011010 (9)  
PRAI US 2000-240790P 20001017 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3207  
INCL INCLM: 424/130.100  
NCL NCLM: 424/130.100  
IC [7]  
ICM: A61K039-395  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 104 OF 149 USPATFULL on STN  
AN 2002:198673 USPATFULL  
TI Protein-protein interactions in neurodegenerative diseases  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
Heichman, Karen, Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc., Salt Lake City, UT, UNITED STATES (U.S. corporation)  
PI US 2002106773 A1 20020808  
AI US 2001-973064 A1 20011010 (9)  
PRAI US 2000-240790P 20001017 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3066  
INCL INCLM: 435/196.000  
INCLS: 435/007.100; 435/006.000; 530/388.260  
NCL NCLM: 435/196.000  
NCLS: 435/007.100; 435/006.000; 530/388.260  
IC [7]  
ICM: C12N009-16  
ICS: C12Q001-68; G01N033-53; C07K016-40  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 105 OF 149 USPATFULL on STN  
AN 2002:198636 USPATFULL  
TI Human tumor necrosis factor receptor TR17  
IN Ruben, Steven M., Olney, MD, UNITED STATES  
Baker, Kevin P., Darnestown, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)  
PI US 2002106736 A1 20020808  
AI US 2001-961376 A1 20010925 (9)  
RLI Continuation-in-part of Ser. No. US 2000-533822, filed on 24 Mar 2000, PENDING  
PRAI US 2000-254874P 20001213 (60)  
US 2000-235991P 20000926 (60)  
US 2000-188208P 20000310 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13690  
INCL INCLM: 435/069.100  
INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
IC [7]  
ICM: C07K014-705  
ICS: C07H021-04; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 106 OF 149 USPATFULL on STN

TI Protein-protein interactions in neurodegenerative diseases  
 IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
 Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
 Heichman, Karen, Salt Lake City, UT, UNITED STATES  
 PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)  
 PI US 2002106676 A1 20020808  
 AI US 2001-973963 A1 20011011 (9)  
 PRAI US 2000-240790P 20001017 (60)  
 US 2001-304775P 20010713 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 3181  
 INCL INCLM: 435/006.000  
 INCLS: 435/368.000; 435/320.100; 435/069.100; 536/023.200; 435/226.000  
 NCL NCLM: 435/006.000  
 NCLS: 435/368.000; 435/320.100; 435/069.100; 536/023.200; 435/226.000  
 IC [7]  
 ICM: C12Q001-68  
 ICS: C07H021-04; C12N009-64; C12P021-02; C12N005-06  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 107 OF 149 USPATFULL on STN  
 AN 2002:191516 USPATFULL  
 TI Diagnostics and therapeutics for ocular disorders  
 IN Hageman, Gregory S., Coralville, IA, UNITED STATES  
 Mullins, Robert F., Coralville, IA, UNITED STATES  
 PI US 2002102581 A1 20020801  
 AI US 2001-949261 A1 20010906 (9)  
 RLI Continuation-in-part of Ser. No. US 2000-510230, filed on 22 Feb 2000,  
 PENDING Continuation-in-part of Ser. No. US 2001-845745, filed on 30 Apr  
 2001, PENDING  
 PRAI US 1999-120822P 19990219 (60)  
 US 1999-120668P 19990219 (60)  
 US 1999-123052P 19990305 (60)  
 US 2000-200698P 20000429 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 5644  
 INCL INCLM: 435/006.000  
 INCLS: 435/007.200; 435/040.500  
 NCL NCLM: 435/006.000  
 NCLS: 435/007.200; 435/040.500  
 IC [7]  
 ICM: C12Q001-68  
 ICS: G01N033-53; G01N033-567  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 108 OF 149 USPATFULL on STN  
 AN 2002:185613 USPATFULL  
 TI Human tumor, necrosis factor receptor-like proteins TR11, TR11SV1 and  
 TR11SV2  
 IN Ni, Jian, Germantown, MD, UNITED STATES  
 Ruben, Steven M., Olney, MD, UNITED STATES  
 PA Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)  
 PI US 2002098525 A1 20020725  
 AI US 2001-915593 A1 20010727 (9)  
 RLI Continuation-in-part of Ser. No. US 2000-512363, filed on 23 Feb 2000,  
 PENDING Continuation-in-part of Ser. No. US 1998-176200, filed on 21 Oct  
 1998, PENDING  
 PRAI US 2000-221577P 20000728 (60)  
 US 1999-144076P 19990716 (60)  
 US 1999-134172P 19990513 (60)  
 US 1999-121648P 19990224 (60)  
 US 1997-63212P 19971021 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 12618  
 INCL INCLM: 435/007.900  
 INCLS: 530/388.220  
 NCL NCLM: 435/007.900  
 NCLS: 530/388.220  
 IC [7]  
 ICM: G01N033-542  
 ICS: G01N033-53; C07K016-28  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 109 OF 149 USPATFULL on STN  
 AN 2002:157602 USPATFULL  
 TI Novel polynucleotides from atherogenic cells and polypeptides encoded thereby  
 IN Leach, Martin D., Madison, CT, UNITED STATES  
 Mehraban, Fuad, Trumbull, CT, UNITED STATES  
 Conley, Pamela B., Palo Alto, CA, UNITED STATES  
 Topper, James N., Los Altos, CA, UNITED STATES  
 Law, Debbie, San Francisco, CA, UNITED STATES  
 PI US 2002082206 A1 20020627  
 AI US 2001-867550 A1 20010530 (9)  
 PRAI US 2000-208427P 20000530 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 8166  
 INCL INCLM: 514/012.000  
 INCLS: 536/023.100; 435/069.100; 435/325.000; 435/320.100; 435/183.000;  
 530/350.000  
 NCL NCLM: 514/012.000  
 NCLS: 536/023.100; 435/069.100; 435/325.000; 435/320.100; 435/183.000;  
 530/350.000  
 IC [7]  
 ICM: A61K038-17  
 ICS: C07H021-04; C12N009-00; C12N005-06; C12P021-02; C07K014-435  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 110 OF 149 USPATFULL on STN  
 AN 2002:141109 USPATFULL  
 TI Death domain containing receptor 5  
 IN Ni, Jian, Rockville, MD, UNITED STATES  
 Gentz, Reiner L., Rockville, MD, UNITED STATES  
 Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
 Rosen, Craig A., Laytonville, MD, UNITED STATES  
 PA Human Genome Sciences, Inc., Rockville, MD, 20850 (U.S. corporation)  
 PI US 2002072091 A1 20020613  
 AI US 2001-874138 A1 20010606 (9)  
 RLI Continuation of Ser. No. US 2000-565009, filed on 4 May 2000, PENDING  
 Continuation of Ser. No. US 1998-42583, filed on 17 Mar 1998, PENDING  
 PRAI US 1999-148939P 19990813 (60)  
 US 1999-133238P 19990507 (60)  
 US 1999-132498P 19990504 (60)  
 US 1997-40846P 19970317 (60)  
 US 1997-54021P 19970729 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 8943  
 INCL INCLM: 435/069.100  
 INCLS: 435/325.000; 435/320.100; 536/023.500; 530/350.000  
 NCL NCLM: 435/069.100  
 NCLS: 435/325.000; 435/320.100; 536/023.500; 530/350.000  
 IC [7]  
 ICM: C12P021-02  
 ICS: C12N005-06; C07H021-04; C07K014-705  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 111 OF 149 USPATFULL on STN  
 AN 2002:99503 USPATFULL  
 TI Compositions and methods for treating or preventing diseases of body passageways  
 IN Hunter, William L., Vancouver, CANADA  
 Machan, Lindsay S., Vancouver, CANADA  
 PI US 2002052404 A1 20020502  
 AI US 2001-933652 A1 20010820 (9)  
 RLI Continuation of Ser. No. US 1996-653207, filed on 24 May 1996, UNKNOWN  
 DT Utility  
 FS APPLICATION  
 LN.CNT 4786  
 INCL INCLM: 514/449.000  
 INCLS: 424/486.000  
 NCL NCLM: 514/449.000  
 NCLS: 424/486.000  
 IC [7]  
 ICM: A61K031-337  
 ICS: A61K009-14  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 112 OF 149 USPATFULL on STN  
AN 2002:92635 USPATFULL  
TI METHODS AND COMPOSITIONS FOR THE TREATMENT OF MOTOR NEURON INJURY AND  
NEUROPATHY  
IN RUEGER, DAVID C., SOUTHBOROUGH, MA, UNITED STATES  
SAMPATH, KUBER T., HOLLISTON, MA, UNITED STATES  
OPPERMANN, HERMAN, MEDWAY, MA, UNITED STATES  
PANG, ROY H. L., NEW HAMPSHIRE, MA, UNITED STATES  
COHEN, CHARLES M., WESTON, MA, UNITED STATES  
PI US 2002049159 A1 20020425  
AI US 1997-937755 A1 19970925 (8)  
RLI Continuation-in-part of Ser. No. US 1994-260675, filed on 16 Jun 1994,  
PENDING Continuation of Ser. No. US 1993-126100, filed on 23 Sep 1993,  
ABANDONED Continuation of Ser. No. US 1992-922813, filed on 31 Jul 1992,  
ABANDONED Continuation-in-part of Ser. No. US 1991-752764, filed on 30  
Aug 1991, ABANDONED Continuation-in-part of Ser. No. US 1991-753059,  
filed on 30 Aug 1991, ABANDONED Continuation-in-part of Ser. No. US  
1991-667274, filed on 11 Mar 1991, ABANDONED  
DT Utility  
FS APPLICATION  
LN.CNT 3688  
INCL INCLM: 514/012.000  
INCLS: 514/002.000  
NCL NCLM: 514/012.000  
NCLS: 514/002.000  
IC [7]  
ICM: A61K038-00  
ICS: A01N037-18; C12N015-09  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 113 OF 149 USPATFULL on STN  
AN 2002:92229 USPATFULL  
TI Model for alzheimer's disease and other neurodegenerative diseases  
IN Lynch, Gary, Irvine, CA, UNITED STATES  
Bi, Xiaoning, Irvine, CA, UNITED STATES  
PI US 2002048746 A1 20020425  
AI US 2001-917789 A1 20010731 (9)  
PRAI US 2001-283352P 20010413 (60)  
US 2000-222060P 20000731 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 4252  
INCL INCLM: 435/004.000  
INCLS: 435/040.500; 435/007.200  
NCL NCLM: 435/004.000  
NCLS: 435/040.500; 435/007.200  
IC [7]  
ICM: C12Q001-00  
ICS: G01N033-53; G01N033-567; G01N001-30; G01N033-48  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 114 OF 149 USPATFULL on STN  
AN 2002:72885 USPATFULL  
TI Aryl substituted pyridines, pyrimidines, pyrazines and triazines and the  
use thereof  
IN Hogenkamp, Derk J., Carlsbad, CA, UNITED STATES  
Nguyen, Phong, Placentia, CA, UNITED STATES  
Shao, Bin, Richboro, PA, UNITED STATES  
PI US 2002040025 A1 20020404  
AI US 2001-803659 A1 20010312 (9)  
PRAI US 2000-188188P 20000310 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2559  
INCL INCLM: 514/241.000  
INCLS: 514/242.000; 514/252.100; 514/256.000; 514/255.050; 514/340.000;  
544/182.000; 544/211.000; 544/212.000; 544/333.000; 544/405.000;  
546/272.100; 546/272.400; 546/275.400; 546/272.700  
NCL NCLM: 514/241.000  
NCLS: 514/242.000; 514/252.100; 514/256.000; 514/255.050; 514/340.000;  
544/182.000; 544/211.000; 544/212.000; 544/333.000; 544/405.000;  
546/272.100; 546/272.400; 546/275.400; 546/272.700  
IC [7]  
ICM: A61K031-53  
ICS: C07D043-02; C07D041-02; A61K031-497

L2 ANSWER 115 OF 149 USPATFULL on STN  
AN 2002:67273 USPATFULL  
TI Sodium channel blocker compositions and the use thereof  
IN Lan, Nancy C., Altadena, CA, UNITED STATES  
PI US 2002037926 A1 20020328  
AI US 2001-971007 A1 20011005 (9)  
RLI Continuation of Ser. No. WO 2000-US9387, filed on 10 Apr 2000, UNKNOWN  
PRAI US 1999-128543P 19990409 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1130  
INCL INCLM: 514/561.000  
INCLS: 514/217.000  
NCL NCLM: 514/561.000  
NCLS: 514/217.000  
IC [7]  
ICM: A61K031-55  
ICS: A61K031-195  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 116 OF 149 USPATFULL on STN  
AN 2002:66639 USPATFULL  
TI Compositions comprising heat shock proteins or alpha(2) macroglobulin, antigenic molecules and saponins, and methods of use thereof  
IN Armen, Garo H., Manhasset, NY, UNITED STATES  
PI US 2002037290 A1 20020328  
AI US 2001-909778 A1 20010720 (9)  
PRAI US 2000-223133P 20000807 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 4136  
INCL INCLM: 424/178.100  
INCLS: 514/012.000; 514/026.000  
NCL NCLM: 424/178.100  
NCLS: 514/012.000; 514/026.000  
IC [7]  
ICM: A61K039-395  
ICS: A61K038-17  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 117 OF 149 USPATFULL on STN  
AN 2002:37339 USPATFULL  
TI Composition and methods for improving integrity of compromised body passageways and cavities  
IN Signore, Pierre E, Vancouver British Columbia, CANADA  
PI US 2002022055 A1 20020221  
AI US 2000-511570 A1 20000223 (9)  
PRAI US 1999-121424P 19990223 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1938  
INCL INCLM: 424/486.000  
NCL NCLM: 424/486.000  
IC [7]  
ICM: A61K009-14  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 118 OF 149 USPATFULL on STN  
AN 2002:27111 USPATFULL  
TI Diagnostics and therapeutics for macular degeneration-related disorders  
IN Hageman, Gregory S., Coralville, IA, UNITED STATES  
Mullins, Robert F., Coralville, IA, UNITED STATES  
PI US 2002015957 A1 20020207  
AI US 2001-845745 A1 20010430 (9)  
PRAI US 2000-200698P 20000429 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3111  
INCL INCLM: 435/006.000  
INCLS: 351/200.000  
NCL NCLM: 435/006.000  
NCLS: 351/200.000  
IC [7]  
ICM: C12Q001-68



CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 119 OF 149 USPATFULL on STN  
AN 2002:16563 USPATFULL  
TI Compounds effecting neuron remodeling and assays for same  
IN Mahley, Robert W., San Francisco, CA, UNITED STATES  
Weisgraber, Karl H., Walnut Creek, CA, UNITED STATES  
Pitas, Robert E., Albany, CA, UNITED STATES  
PI US 2002009439 A1 20020124  
AI US 2001-782757 A1 20010212 (9)  
RLI Continuation-in-part of Ser. No. US 1998-70675, filed on 30 Apr 1998,  
ABANDONED Continuation-in-part of Ser. No. US 1996-659785, filed on 19  
Jan 1996, ABANDONED  
PRAI US 1995-5550P 19951017 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2749  
INCL INCLM: 424/130.100  
INCLS: 514/001.000  
NCL NCLM: 424/130.100  
NCLS: 514/001.000  
IC [7]  
ICM: A61K031-00  
ICS: A61K039-395

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 120 OF 149 USPATFULL on STN  
AN 2002:12565 USPATFULL  
TI Aryl substituted pyrazoles, triazoles, and tetrazoles, and the use  
thereof  
IN Hogenkamp, Derk J., Carlsbad, CA, UNITED STATES  
Nguyen, Phong, Placentia, CA, UNITED STATES  
Yang, Ji, Plainsboro, NJ, UNITED STATES  
PI US 2002006947 A1 20020117  
AI US 2001-814123 A1 20010322 (9)  
PRAI US 2000-191757P 20000324 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1234  
INCL INCLM: 514/381.000  
INCLS: 514/383.000; 514/398.000; 514/407.000; 548/316.400; 548/366.100;  
548/263.200; 548/255.000; 548/251.000  
NCL NCLM: 514/381.000  
NCLS: 514/383.000; 514/398.000; 514/407.000; 548/316.400; 548/366.100;  
548/263.200; 548/255.000; 548/251.000  
IC [7]  
ICM: C07D257-04  
ICS: C07D249-04; C07D249-12; C07D233-30; C07D231-18

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 121 OF 149 USPATFULL on STN  
AN 2002:332463 USPATFULL  
TI Methods of inhibiting hematopoietic stem cells using human myeloid  
progenitor inhibitory factor-1 (MPIF-1) (Ckbeta-8/MIP-3)  
IN Li, Haodong, Gaithersburg, MD, United States  
Ruben, Steven M., Olney, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 6495129 B1 20021217  
AI US 2000-689693 20001013 (9)  
RLI Continuation of Ser. No. US 2000-571013, filed on 15 May 2000  
Continuation-in-part of Ser. No. US 1999-334951, filed on 17 Jun 1999  
Continuation of Ser. No. US 1997-941020, filed on 30 Sep 1997, now  
abandoned Continuation-in-part of Ser. No. US 1996-722723, filed on 30  
Sep 1996, now abandoned Continuation-in-part of Ser. No. US 1996-722719,  
filed on 30 Sep 1996, now patented, Pat. No. US 6001606  
Continuation-in-part of Ser. No. US 1995-468775, filed on 6 Jun 1995,  
now abandoned Continuation-in-part of Ser. No. US 1995-465682, filed on  
6 Jun 1995, now abandoned Continuation-in-part of Ser. No. US  
1995-446881, filed on 5 May 1995, now abandoned Continuation-in-part of  
Ser. No. US 468775 Continuation-in-part of Ser. No. US 465682  
Continuation-in-part of Ser. No. US 446881 Continuation of Ser. No. US  
446881 Continuation-in-part of Ser. No. US 1994-208339, filed on 8 Mar  
1994, now patented, Pat. No. US 5504003 Continuation of Ser. No. US  
446881 Continuation-in-part of Ser. No. US 208339 Continuation-in-part

PRAI US 2000-212658P 20000619 (60)  
US 2000-211458P 20000613 (60)  
US 2000-199142P 20000424 (60)  
US 2000-189048P 20000314 (60)  
US 1999-172063P 19991223 (60)  
US 1999-164059P 19991108 (60)  
US 1999-159362P 19991014 (60)  
DT Utility  
FS GRANTED  
LN.CNT 14198  
INCL INCLM: 424/085.100  
INCLS: 424/885.000; 514/002.000; 514/008.000; 514/012.000  
NCL NCLM: 424/085.100  
NCLS: 514/002.000; 514/008.000; 514/012.000  
IC [7]  
ICM: A61K038-19  
EXF 424/85.1; 424/885; 514/2; 514/8; 514/12  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 122 OF 149 USPATFULL on STN  
AN 2002:303864 USPATFULL  
TI Adipocyte-specific protein homologs  
IN Sheppard, Paul O., Redmond, WA, United States  
Humes, Jacqueline M., Seattle, WA, United States  
PA ZymoGenetics, Inc., Seattle, WA, United States (U.S. corporation)  
PI US 6482612 B1 20021119  
AI US 2000-686838 20001010 (9)  
RLI Division of Ser. No. US 1998-140804, filed on 26 Aug 1998, now patented,  
Pat. No. US 6197930  
PRAI US 1997-56983P 19970826 (60)  
DT Utility  
FS GRANTED  
LN.CNT 3491  
INCL INCLM: 435/069.100  
INCLS: 435/006.000; 435/007.200; 435/007.210; 435/252.300; 435/320.100;  
530/350.000; 536/023.500; 436/501.000; 514/002.000  
NCL NCLM: 435/069.100  
NCLS: 435/006.000; 435/007.200; 435/007.210; 435/252.300; 435/320.100;  
436/501.000; 514/002.000; 530/350.000; 536/023.500  
IC [7]  
ICM: C07H021-04  
ICS: C12P021-06; C07K001-00; G01N033-566; A61K038-00  
EXF 435/6; 435/7.2; 435/7.21; 435/69.1; 435/252.3; 435/320.1; 435/325;  
435/254.11; 530/350; 536/23.5; 536/23.1; 436/501; 514/2  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 123 OF 149 USPATFULL on STN  
AN 2002:254388 USPATFULL  
TI Carbocyclic and heterocyclic substituted semicarbazones and  
thiosemicarbazones and the use thereof  
IN Wang, Yan, San Diego, CA, United States  
Cai, Sui Xiong, San Diego, CA, United States  
Lan, Nancy C., S. Pasadena, CA, United States  
Keana, John F. W., Eugene, OR, United States  
Ilyin, Victor I., Irvine, CA, United States  
Weber, Eckard, San Diego, CA, United States  
PA Euro-Celtique S.A., LUXEMBOURG (non-U.S. corporation)  
PI US 6458843 B1 20021001  
AI US 1999-421403 19991021 (9)  
RLI Continuation of Ser. No. WO 1998-US8004, filed on 22 Apr 1998  
PRAI US 1997-62649P 19971022 (60)  
US 1997-44530P 19970422 (60)  
DT Utility  
FS GRANTED  
LN.CNT 2645  
INCL INCLM: 514/583.000  
INCLS: 514/237.500; 514/255.010; 514/274.000; 514/311.000; 514/327.000;  
514/330.000; 514/351.000; 514/459.000; 514/466.000; 514/590.000  
NCL NCLM: 514/583.000  
NCLS: 514/237.500; 514/255.010; 514/274.000; 514/311.000; 514/327.000;  
514/330.000; 514/351.000; 514/459.000; 514/466.000; 514/590.000  
IC [7]  
ICM: A61K031-17  
ICS: A61K031-175  
EXF 514/237.5; 514/255.01; 514/274; 514/311; 514/327; 514/330; 514/331;

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 124 OF 149 USPATFULL on STN  
AN 2002:246365 USPATFULL  
TI Tumor necrosis factor receptor 5  
IN Wei, Ying-Fei, Berkeley, CA, United States  
Ni, Jian, Rockville, MD, United States  
Gentz, Reiner L., Rockville, MD, United States  
Ruben, Steven M., Odenton, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 6455040 B1 20020924  
AI US 2000-573986 20000518 (9)  
RLI Continuation-in-part of Ser. No. US 1998-6353, filed on 13 Jan 1998, now  
patented, Pat. No. US 6261801  
PRAI US 1999-135164P 19990520 (60)  
US 1997-54885P 19970807 (60)  
US 1997-35496P 19970114 (60)  
DT Utility  
FS GRANTED  
LN.CNT 9119  
INCL INCLM: 424/134.100  
INCLS: 424/139.100; 424/178.100; 424/188.000; 424/143.100; 530/388.220;  
530/387.300; 530/387.900; 435/007.210; 435/328.000; 435/334.000  
NCL NCLM: 424/134.100  
NCLS: 424/138.100; 424/139.100; 424/143.100; 424/178.100; 435/007.210;  
435/328.000; 435/334.000; 530/387.300; 530/387.900; 530/388.220  
IC [7]  
ICM: A61K039-395  
EXF 530/387.3; 530/387.9; 530/388.22; 424/134.1; 424/139.1; 424/178.1;  
424/188; 424/143.1; 435/7.21; 435/328; 435/334  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 125 OF 149 USPATFULL on STN  
AN 2002:202241 USPATFULL  
TI Death domain containing receptor-4  
IN Ni, Jian, Rockville, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
Pan, James G., Belmont, CA, United States  
Gentz, Reiner L., Rockville, MD, United States  
Dixit, Vishva M., Los Altos Hills, CA, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
The Regents of the University of Michigan, Ann Arbor, MI, United States  
(U.S. corporation)  
PI US 6433147 B1 20020813  
AI US 2000-565918 20000505 (9)  
RLI Continuation-in-part of Ser. No. US 1998-13895, filed on 27 Jan 1998,  
now patented, Pat. No. US 6342363  
PRAI US 1999-132922P 19990506 (60)  
US 1997-35722P 19970128 (60)  
US 1997-37829P 19970205 (60)  
DT Utility  
FS GRANTED  
LN.CNT 8675  
INCL INCLM: 530/387.300  
INCLS: 530/300.000; 530/350.000; 530/402.000; 536/023.100; 536/023.500;  
435/069.100; 435/325.000; 435/252.300; 435/254.110; 424/178.100  
NCL NCLM: 530/387.300  
NCLS: 424/178.100; 435/069.100; 435/252.300; 435/254.110; 435/325.000;  
530/300.000; 530/350.000; 530/402.000; 536/023.100; 536/023.500  
IC [7]  
ICM: C07K014-705  
EXF 530/300; 530/350; 530/402; 530/387.3; 536/23.1; 536/23.5; 536/23.4;  
435/69.1; 435/375; 435/252.3; 435/254.11; 424/178.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 126 OF 149 USPATFULL on STN  
AN 2002:202239 USPATFULL  
TI Keratinocyte derived interferon  
IN LaFleur, David W., Washington, DC, United States  
Moore, Paul A., Germantown, MD, United States  
Ruben, Steven M., Olney, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)

AI US 2000-487792 20000120 (9)  
RLI Continuation-in-part of Ser. No. US 1999-358587, filed on 21 Jul 1999,  
now abandoned Continuation-in-part of Ser. No. WO 1999-US16424, filed on  
21 Jul 1999  
PRAI US 93643P (60)  
DT Utility  
FS GRANTED  
LN.CNT 13514  
INCL INCLM: 530/351.000  
INCLS: 530/350.000; 424/085.400; 435/007.100  
NCL NCLM: 530/351.000  
NCLS: 424/085.400; 435/007.100; 530/350.000  
IC [7]  
ICM: C07K017-00  
ICS: C07K014-00; A61K038-21; C12Q001-68  
EXF 536/23.5; 536/23.52; 530/350; 530/351; 530/387.1; 435/69.1; 435/7.1;  
424/85.4  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 127 OF 149 USPATFULL on STN  
AN 2002:160762 USPATFULL  
TI Aryl substituted pyrazoles, and pyrroles, and the use thereof  
IN Hogenkamp, Derk, Carlsbad, CA, United States  
Upasani, Ravindra, Foothill Ranch, CA, United States  
Nguyen, Phong, Placentia, CA, United States  
PA Euro-Celtique S.A., Luxembourg, LUXEMBOURG (non-U.S. corporation)  
PI US 6414011 B1 20020702  
AI US 2000-533864 20000324 (9)  
PRAI US 1999-126553P 19990326 (60)  
DT Utility  
FS GRANTED  
LN.CNT 3074  
INCL INCLM: 514/406.000  
INCLS: 514/403.000; 548/356.100; 548/373.100; 548/377.100  
NCL NCLM: 514/406.000  
NCLS: 514/403.000; 548/356.100; 548/373.100; 548/377.100  
IC [7]  
ICM: A61K031-415  
ICS: C07D231-00; C07D231-02; C07D231-10  
EXF 514/406; 514/403; 548/356.1; 548/373.1; 548/377.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 128 OF 149 USPATFULL on STN  
AN 2002:137146 USPATFULL  
TI Antibodies to neutrokin-alpha  
IN Yu, Guo-Liang, Berkeley, CA, United States  
Ebner, Reinhard, Gaithersburg, MD, United States  
Ni, Jian, Rockville, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 6403770 B1 20020611  
AI US 2000-589287 20000608 (9)  
RLI Continuation of Ser. No. US 2000-507968, filed on 22 Feb 2000  
Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999  
Continuation-in-part of Ser. No. US 1998-5874, filed on 12 Jan 1998  
Continuation-in-part of Ser. No. WO 1996-US17957, filed on 25 Oct 1996  
PRAI US 2000-176015P 20000114 (60)  
US 1999-171626P 19991223 (60)  
US 1999-171108P 19991216 (60)  
US 1999-168624P 19991203 (60)  
US 1999-167239P 19991124 (60)  
US 1999-145824P 19990727 (60)  
US 1999-142659P 19990706 (60)  
US 1999-136784P 19990528 (60)  
US 1999-131673P 19990429 (60)  
US 1999-131278P 19990427 (60)  
US 1999-130696P 19990423 (60)  
US 1999-130412P 19990416 (60)  
US 1999-127598P 19990402 (60)  
US 1999-126599P 19990326 (60)  
US 1999-124097P 19990312 (60)  
US 1999-122388P 19990302 (60)  
US 1997-36100P 19970114 (60)  
DT Utility

LN.CNT 15430  
INCL INCLM: 530/387.300  
INCLS: 530/300.000; 530/324.000; 530/388.100; 530/388.230; 530/351.000;  
435/069.500; 435/007.100  
NCL NCLM: 530/387.300  
NCLS: 435/007.100; 435/069.500; 530/300.000; 530/324.000; 530/351.000;  
530/388.100; 530/388.230  
IC [7]  
ICM: C07K016-00  
ICS: C12P021-08; C12P021-02; G01N035-53  
EXF 530/387.1; 530/387.3; 530/387.9; 530/388.1; 530/388.23; 424/85.1;  
536/23.1; 536/23.4  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 129 OF 149 USPATFULL on STN  
AN 2002:109176 USPATFULL  
TI Human 2-19 protein homologue, z219a  
IN Conklin, Darrell C., Seattle, WA, United States  
Blumberg, Hal, Seattle, WA, United States  
PA ZymoGenetics, Inc., Seattle, WA, United States (U.S. corporation)  
PI US 6388064 B1 20020514  
AI US 1998-167513 19981006 (9)  
PRAI US 1997-61712P 19971006 (60)  
DT Utility  
FS GRANTED  
LN.CNT 3127  
INCL INCLM: 536/023.500  
INCLS: 435/069.100; 435/069.800; 435/320.100; 435/325.000; 435/252.300;  
435/254.110; 530/350.000  
NCL NCLM: 536/023.500  
NCLS: 435/069.100; 435/069.800; 435/252.300; 435/254.110; 435/320.100;  
435/325.000; 530/350.000  
IC [7]  
ICM: C12N015-00  
EXF 435/69.1; 435/325; 435/252.3; 435/254.11; 435/320.1; 435/69.8; 536/23.5;  
530/350  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 130 OF 149 USPATFULL on STN  
AN 2002:81025 USPATFULL  
TI Monoclonal antibodies to human CD6  
IN Starling, Gary C., Lawrenceville, NJ, United States  
Siadak, Anthony W., Seattle, WA, United States  
Bowen, Michael A., Princeton, NJ, United States  
Aruffo, Alejandro A., Belle Mead, NJ, United States  
Bajorath, Jurgen, Lynnwood, WA, United States  
Bodian, Dale L., Paoli, PA, United States  
Skonier, John E., Seattle, WA, United States  
PA Bristol-Myers Squibb Company, New York, NY, United States (U.S.  
corporation)  
PI US 6372215 B1 20020416  
AI US 1998-30182 19980225 (9)  
PRAI US 1997-40016P 19970303 (60)  
DT Utility  
FS GRANTED  
LN.CNT 2170  
INCL INCLM: 424/141.100  
INCLS: 424/130.100; 424/133.100; 424/134.100; 424/178.100; 424/801.000;  
435/070.100; 435/070.200; 435/070.250; 436/548.000; 532/350.000;  
532/386.000; 532/387.100; 532/388.100; 532/391.100; 532/808.000;  
532/864.000  
NCL NCLM: 424/141.100  
NCLS: 424/130.100; 424/133.100; 424/134.100; 424/178.100; 424/801.000;  
435/007.100; 435/007.200; 435/007.250; 435/070.100; 435/070.200;  
436/548.000; 530/350.000; 530/386.000; 530/387.100; 530/388.100;  
530/391.100; 530/808.000; 530/864.000  
IC [7]  
ICM: A61K039-395  
ICS: A61K039-00; C12P021-04; G01N033-53; C07K016-00  
EXF 424/133.1; 424/141.1; 424/178.1; 424/801; 424/134.1; 424/130.1;  
435/70.1; 435/70.2; 435/70.21; 436/548; 530/350; 530/386; 530/387.1;  
530/388.1; 530/391.1; 530/808; 530/864  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 131 OF 149 USPATFULL on STN

TI Antibodies to human tumor necrosis factor receptor TR9  
 IN Ni, Jian, Rockville, MD, United States  
 Yu, Guo-Liang, Berkeley, CA, United States  
 Fan, Ping, Gaithersburg, MD, United States  
 Gentz, Reiner L., Rockville, MD, United States  
 PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
 corporation)  
 PI US 6358508 B1 20020319  
 AI US 2000-527236 20000316 (9)  
 RLI Continuation-in-part of Ser. No. US 1998-95094, filed on 10 Jun 1998  
 PRAI US 1997-52991P 19970611 (60)  
 US 1999-126019P 19990324 (60)  
 US 1999-134220P 19990514 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 8936  
 INCL INCLM: 424/139.100  
 INCLS: 424/178.100; 530/388.220; 530/389.100; 530/391.300; 530/391.700;  
 530/387.900  
 NCL NCLM: 424/139.100  
 NCLS: 424/178.100; 530/387.900; 530/388.220; 530/389.100; 530/391.300;  
 530/391.700  
 IC [7]  
 ICM: A61K039-395  
 EXF 530/388.22; 530/389.1; 530/391.3; 530/391.7; 530/387.9; 424/139.1;  
 424/178.1  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 132 OF 149 USPATFULL on STN DUPLICATE 9  
 AN 2001:123568 USPATFULL  
 TI COMBINATIONS OF PKC INHIBITORS AND THERAPEUTIC AGENTS FOR TREATING  
 CANCERS  
 IN SCHWARTZ, GARY K., BRIARCLIFF MANOR, NY, United States  
 ALBINO, ANTHONY P., NEW YORK, NY, United States  
 PI US 2001011076 A1 20010802  
 US 6444638 B2 20020903  
 AI US 1998-137442 A1 19980820 (9)  
 RLI Continuation of Ser. No. WO 1997-US3341, filed on 20 Feb 1997, UNKNOWN  
 Continuation-in-part of Ser. No. US 1996-619304, filed on 21 Mar 1996,  
 ABANDONED Continuation-in-part of Ser. No. US 1996-603814, filed on 20  
 Feb 1996, GRANTED, Pat. No. US 5821072  
 DT Utility  
 FS APPLICATION  
 LN.CNT 5287  
 INCL INCLM: 514/044.000  
 INCLS: 435/006.000; 435/091.100; 435/325.000; 435/375.000; 435/455.000;  
 424/094.100  
 NCL NCLM: 514/001.000  
 NCLS: 424/009.200; 514/090.000; 514/151.000; 514/183.000; 514/245.000;  
 514/449.000  
 IC [7]  
 ICM: A61K048-00  
 ICS: C12N015-85; C12N015-86; A61K038-43; C12P019-34  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 133 OF 149 USPATFULL on STN  
 AN 2001:229649 USPATFULL  
 TI Methods for increasing ApoE levels for the treatment of  
 neurodegenerative disease  
 IN Poirier, Judes, Boisbriand, Canada  
 PI US 2001051602 A1 20011213  
 AI US 2001-888245 A1 20010622 (9)  
 RLI Continuation of Ser. No. US 1998-160462, filed on 24 Sep 1998, GRANTED,  
 Pat. No. US 6274603  
 PRAI US 1997-59908P 19970924 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 1714  
 INCL INCLM: 514/002.000  
 INCLS: 514/031.000; 514/725.000; 435/006.000; 435/007.200  
 NCL NCLM: 514/002.000  
 NCLS: 514/031.000; 514/725.000; 435/006.000; 435/007.200  
 IC [7]  
 ICM: A01N037-18  
 ICS: A01N043-04; A61K031-07; C12Q001-68; G01N033-53  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 134 OF 149 USPATFULL on STN  
AN 2001:211923 USPATFULL  
TI Method for administering a cytokine to the central nervous system and  
the lymphatic system  
IN Frey, William H., II, North Oaks, MN, United States  
PA Chiron Corporation (U.S. corporation)  
PI US 2001043915 A1 20011122  
AI US 2000-733168 A1 20001208 (9)  
PRAI US 1999-200708P 19991209 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2997  
INCL INCLM: 424/085.500  
INCLS: 424/085.100; 424/043.000  
NCL NCLM: 424/085.500  
NCLS: 424/085.100; 424/043.000  
IC [7]  
ICM: A61K038-21  
ICS: A61K038-19  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 135 OF 149 USPATFULL on STN  
AN 2001:139289 USPATFULL  
TI Serine protease specific monoclonal antibodies and their use  
IN Kominami, Katsuya, Osaka, Japan  
Okui, Akira, Yamatokoriyama-shi, Japan  
Mitsui, Shinichi, Kyoto-shi, Japan  
Yamaguchi, Nozomi, Kyoto-shi, Japan  
PI US 2001016331 A1 20010823  
AI US 2000-741171 A1 20001221 (9)  
RLI Continuation-in-part of Ser. No. WO 1999-JP3578, filed on 2 Jul 1999,  
UNKNOWN  
PRAI JP 1998-187506 19980702  
DT Utility  
FS APPLICATION  
LN.CNT 1613  
INCL INCLM: 435/007.950  
NCL NCLM: 435/007.950  
IC [7]  
ICM: G01N033-53  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 136 OF 149 USPATFULL on STN  
AN 2001:191160 USPATFULL  
TI Method of preventing neuronal death  
IN Newcomb, Robert, Palo Alto, CA, United States  
PA Elan Pharmaceuticals, Inc., South San Francisco, CA, United States (U.S.  
corporation)  
PI US 6310093 B1 20011030  
AI US 1998-141881 19980827 (9)  
PRAI US 1997-57220P 19970829 (60)  
DT Utility  
FS GRANTED  
LN.CNT 1749  
INCL INCLM: 514/496.000  
INCLS: 514/492.000; 514/561.000  
NCL NCLM: 514/496.000  
NCLS: 514/492.000; 514/561.000  
IC [7]  
ICM: A61K031-195  
ICS: A01N055-06  
EXF 514/496; 514/492; 514/561; 556/125  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 137 OF 149 USPATFULL on STN  
AN 2001:131318 USPATFULL  
TI Methods for increasing ApoE levels for the treatment of  
neurodegenerative disease  
IN Poirier, Jules, Boisbriand, Canada  
PA McGill University, Montreal, Canada (non-U.S. corporation)  
PI US 6274603 B1 20010814  
AI US 1998-160462 19980924 (9)  
PRAI US 1997-59908P 19970924 (60)  
DT Utility

LN.CNT 1669  
INCL INCLM: 514/330.000  
INCLS: 514/451.000  
NCL NCLM: 514/330.000  
NCLS: 514/451.000  
IC [7]  
ICM: A61K031-445  
ICS: A61K031-35  
EXF 514/330; 514/451; 548/429  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 138 OF 149 USPATFULL on STN  
AN 2000:167749 USPATFULL  
TI Method and compositions for treating and diagnosing tumors using  
adenosine receptor activated cells  
IN Neely, Constance, Raleigh, NC, United States  
PA Link Technology Incorporated, Raleigh, NC, United States (U.S.  
corporation)  
PI US 6159701 20001212  
AI US 1996-748559 19961108 (8)  
DT Utility  
FS Granted  
LN.CNT 872  
INCL INCLM: 435/007.230  
INCLS: 435/007.100; 435/372.000; 530/300.000; 530/350.000  
NCL NCLM: 435/007.230  
NCLS: 435/007.100; 435/372.000; 530/300.000; 530/350.000  
IC [7]  
ICM: G01H033-53  
EXF 435/372; 435/7.1; 435/7.23; 530/300; 530/350  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 139 OF 149 USPATFULL on STN  
AN 2000:111069 USPATFULL  
TI Non-invasive device and method for quantitative determination of  
oxidants and/or antioxidants in the skin  
IN Kohen, Ron, Jerusalem, Israel  
Farberstein, David, Jerusalem, Israel  
Tirosh, Oren, Holon, Israel  
PA Yissum Research Development Company of the Hebrew University of  
Jerusalem, Israel (non-U.S. corporation)  
PI US 6108570 20000822  
WO 9613193 19960509  
AI US 1997-817222 19970623 (8)  
WO 1995-US13550 19951010  
19970623 PCT 371 date  
19970623 PCT 102(e) date

DT Utility  
FS Granted  
LN.CNT 572  
INCL INCLM: 600/345.000  
INCLS: 600/354.000  
NCL NCLM: 600/345.000  
NCLS: 600/354.000  
IC [7]  
ICM: A61B005-05  
EXF 600/345-348; 600/354; 600/363; 600/357; 600/365; 600/382; 600/309;  
600/386-390; 600/393; 600/395-397

L2 ANSWER 140 OF 149 USPATFULL on STN  
AN 2000:41226 USPATFULL  
TI Apolipoprotein E transgenic mice and assay methods  
IN Mucke, Lennart, Foster City, CA, United States  
Raber, Jacob, San Francisco, CA, United States  
Buttini, Manuel, Albany, CA, United States  
Mahley, Robert W., San Francisco, CA, United States  
Pitas, Robert E., Orinda, CA, United States  
PA The Regents of the University of California, Oakland, CA, United States  
(U.S. corporation)  
PI US 6046381 20000404  
AI US 1998-70670 19980430 (9)  
DT Utility  
FS Granted  
LN.CNT 1700  
INCL INCLM: 800/018.000  
INCLS: 800/002.000; 800/012.000; 800/014.000; 435/325.000; 435/455.000



NCL NCLM: 800/018.000  
NCLS: 435/325.000; 435/455.000; 800/003.000; 800/013.000; 800/014.000  
IC [7]  
ICM: C12N005-00  
ICS: C12N015-00; C12N015-85  
EXF 435/325; 435/455; 800/3; 800/13; 800/14; 800/18  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 141 OF 149 USPATFULL on STN  
AN 2000:35495 USPATFULL  
TI Drug delivery system and method  
IN Walker, Jeffrey P., San Diego, CA, United States  
Bernard, Robert M., Rancho Santa Fe, CA, United States  
PA Ichor Medical Systems Inc., San Diego, CA, United States (U.S. corporation)  
PI US 6041252 20000321  
AI US 1995-476714 19950607 (8)  
DT Utility  
FS Granted  
LN.CNT 2555  
INCL INCLM: 604/020.000  
INCLS: 604/021.000; 435/173.600; 435/285.200; 607/072.000  
NCL NCLM: 604/020.000  
NCLS: 435/173.600; 435/285.200; 604/021.000; 607/072.000  
IC [7]  
ICM: A61N001-30  
EXF 604/20-21; 604/49; 935/52-53; 435/173.6; 435/285.2; 607/72

L2 ANSWER 142 OF 149 USPATFULL on STN  
AN 2000:12602 USPATFULL  
TI S-adenosyl methionine regulation of metabolic pathways and its use in diagnosis and therapy  
IN Schwartz, Dennis E., Redmond, WA, United States  
Vermeulen, Nicolaas M. J., Woodinville, WA, United States  
O'Day, Christine L., Mountlake Terrace, WA, United States  
PA Oridigm Corporation, Seattle, WA, United States (U.S. corporation)  
PI US 6020139 20000201  
AI US 1995-428963 19950425 (8)  
DT Utility  
FS Granted  
LN.CNT 4367  
INCL INCLM: 435/007.100  
INCLS: 435/007.100; 435/192.000; 514/556.000  
NCL NCLM: 435/007.100  
NCLS: 435/192.000; 514/556.000  
IC [6]  
ICM: G01N033-53  
ICS: C12N009-08; A01N037-30  
EXF 435/7.1; 435/192; 514/556  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 143 OF 149 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN  
AN 2000-257071 [22] WPIDS  
DNN N2000-191070 DNC C2000-078630  
TI Early detection of central nervous system damage, useful e.g. for assessing treatment of brain tumors, by detecting high levels of \*\*\*tau\*\*\* protein.  
DC B04 D16 S03  
IN HULSTAERT, F; VANDERSTICHELE, H; VANMECHELEN, E  
PA (INNO-N) INNOGENETICS NV  
CYC 89  
PI WO 2000014546 A1 20000316 (200022)\* EN 40p G01N033-68  
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL  
OA PT SD SE SL SZ UG ZW  
W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT UA UG US UZ VN YU ZA ZW  
AU 9959746 A 20000327 (200032) G01N033-68  
BR 9913112 A 20010508 (200129) G01N033-68  
EP 1112500 A1 20010704 (200138) EN G01N033-68  
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
RO SE SI  
CN 1325491 A 20011205 (200223) G01N033-68  
JP 2002524740 W 20020806 (200266) 42p G01N033-53  
ADT WO 2000014546 A1 WO 1999-EP6592 19990907; AU 9959746 A AU 1999-59746

1112500 A1 EP 1999-968716 19990907, WO 1999-EP6592 19990907; CN 1325491 A  
CN 1999-812850 19990907; JP 2002524740 W WO 1999-EP6592 19990907, JP  
2000-569239 19990907  
FDT AU 9959746 A Based on WO 2000014546; BR 9913112 A Based on WO 2000014546;  
EP 1112500 A1 Based on WO 2000014546; JP 2002524740 W Based on WO  
2000014546  
PRAI EP 1998-870190 19980908  
IC ICM G01N033-53; G01N033-68  
ICS G01N033-15; G01N033-50; G01N033-574; G01N033-577  
ICA C07K016-18

L2 ANSWER 144 OF 149 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 10  
AN 2001:132124 BIOSIS  
DN PREV200100132124  
TI Cerebrospinal fluid markers for Alzheimer's disease evaluated after acute  
ischemic stroke.  
AU Hesse, Camilla [Reprint author]; Rosengren, Lars; Vanmechelen, Eugeen;  
Vanderstichele, Hugo; Jensen, Christer; Davidsson, Pia; Blennow, Kaj  
CS Department of Clinical Neuroscience, Unit of Neurochemistry, University of  
Goteborg, Sahlgren's University Hospital/Molndal, S-431 80, Molndal,  
Sweden  
camilla.hesse@neuro.gu.se  
SO Journal of Alzheimer's Disease, (November, 2000) Vol. 2, No. 3-4, pp.  
199-206. print.  
ISSN: 1387-2877.  
DT Article  
LA English  
ED Entered STN: 14 Mar 2001  
Last Updated on STN: 15 Feb 2002

L2 ANSWER 145 OF 149 USPATFULL on STN  
AN 1998:30992 USPATFULL  
TI Method for treating Alzheimer's disease using glial line-derived  
neurotrophic factor (GDNF) protein product  
IN Williams, Lawrence R., Thousand Oaks, CA, United States  
PA Amgen Inc., Thousand Oaks, CA, United States (U.S. corporation)  
PI US 5731284 19980324  
AI US 1995-535682 19950928 (8)  
DT Utility  
FS Granted  
LN.CNT 1677  
INCL INCLM: 514/008.000  
INCLS: 514/021.000  
NCL NCLM: 514/008.000  
NCLS: 514/021.000  
IC [6]  
ICM: A61F002-00  
ICS: A61K047-00; A61K031-685; A61K038-00  
EXF 514/8; 514/21  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 146 OF 149 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN  
AN 1998:230499 SCISEARCH  
GA The Genuine Article (R) Number: ZC115  
TI Does glutamate mediate brain damage in acute encephalitis?  
AU Launes J (Reprint); Siren J; Viinikka L; Hokkanen L; Lindsberg P J  
CS UNIV HELSINKI, CENT HOSP, DEPT NEUROL, HAARTMANINKATU 4, FIN-00290  
HELSINKI, FINLAND (Reprint); UNIV HELSINKI, CENT HOSP, DEPT CLIN CHEM,  
FIN-00290 HELSINKI, FINLAND  
CYA FINLAND  
SO NEUROREPORT, (9 MAR 1998) Vol. 9, No. 4, pp. 577-581.  
Publisher: RAPID SCIENCE PUBLISHERS, 2-6 BOUNDARY ROW, LONDON, ENGLAND SE1  
8NH.  
ISSN: 0959-4965.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 34  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 147 OF 149 PROMT COPYRIGHT 2003 Gale Group on STN

ACCESSION NUMBER: 96:606451 PROMT  
TITLE: Update and outlook in Alzheimer's disease

ISSN: 0012-6616.  
LANGUAGE: English  
WORD COUNT: 4677  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L2 ANSWER 148 OF 149 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS  
RESERVED. on STN DUPLICATE 11  
AN 96269862 EMBASE  
DN 1996269862  
TI High temporal resolution diffusion MRI of global cerebral \*\*\*ischemia\*\*\*  
and reperfusion.  
AU Pierpaoli C.; Alger J.R.; Righini A.; Mattiello J.; Dickerson R.; Des Pres  
D.; Barnett A.; Di Chiro G.  
CS NIH, Bldg. 10, 9000 Rockville Pike, Bethesda, MD 20892, United States  
SO Journal of Cerebral Blood Flow and Metabolism, (1996) 16/5 (892-905).  
ISSN: 0271-678X CODEN: JCBMDN  
CY United States  
DT Journal; Article  
FS 008 Neurology and Neurosurgery  
LA English  
SL English

L2 ANSWER 149 OF 149 DRUGUPDATES COPYRIGHT 2003 IMSWORLD on STN

ACCESSION NUMBER: 93:29 DRUGUPDATES  
SOURCE: R&D Focus, (22 Jul 2002)  
GENERIC NAME: acetyl-L-carnitine; acetylcarnitine, L-; ALC  
REFERENCE: INN  
LABORATORY NAME: ST 200; TA 803  
TRADE NAME: NICETILE; BRANIGAN; ALCAR; NEUROACTIL; BRANIGEN  
CHEMICAL NAME: acetyl-L-carnitine  
CAS REGISTRY NO.: 3040-38-8  
STRUCTURE:

Absolute stereochemistry.

/ Structure 1 in file .gra /

CLASSIFICATION: N6D Nootropics; N7X All other CNS Drugs; A10X Other  
Drugs Used in Diabetes  
HIGHEST DEV. PHASE: Marketed (80)

COMPANY INFORMATION:

Type	Company	Nationality	Region
Originator	Sigma Tau	Italy	
Licensee	Bago	Argentina	Argentina; Peru; Ecuador
Licensee	Dong-A	Korea, Republic of	Korea, Republic of
Licensee	GlaxoSmithKline	United Kingdom	
Licensee	Roche	Switzerland	worldwide
Licensee	Tanabe	Japan	Japan
Assignee	Sigma Tau		

=> S tau AND CSF AND anoxia

5 FILES SEARCHED...

11 FILES SEARCHED...

48 FILES SEARCHED...

L3 38 TAU AND CSF AND ANOXIA

=> DUP REM L3

DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,  
DRUGLAUNCH, DRUGMONOG2, DRUGUPDATES, FEDRIP, FOREGE, GENBANK, KOSMET,  
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

PROCESSING COMPLETED FOR L3

=> D L4 1-34

L4 ANSWER 1 OF 34 USPATFULL on STN  
AN 2003:271082 USPATFULL  
TI Antibodies that immunospecifically bind to trail receptors  
IN Salcedo, Theodora, Montgomery Village, MD, UNITED STATES  
Ruben, Steven M., Brookeville, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Albert, Vivian R., Rockville, MD, UNITED STATES  
Dobson, Claire, Cambridge, UNITED KINGDOM  
Vaughan, Tristan, Cambridge, UNITED KINGDOM  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.  
corporation)  
PI US 2003190685 A1 20031009  
AI US 2002-139785 A1 20020507 (10)  
PRAI US 2001-293473P 20010525 (60)  
US 2001-294981P 20010604 (60)  
US 2001-309176P 20010802 (60)  
US 2001-323807P 20010921 (60)  
US 2001-327364P 20011009 (60)  
US 2001-331044P 20011107 (60)  
US 2001-331310P 20011114 (60)  
US 2001-341237P 20011220 (60)  
US 2002-369860P 20020405 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 11875  
INCL INCLM: 435/007.230  
INCLS: 530/388.220  
NCL NCLM: 435/007.230  
NCLS: 530/388.220  
IC [7]  
ICM: G01N033-574  
ICS: C07K016-30  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 34 USPATFULL on STN  
AN 2003:257689 USPATFULL  
TI Differential expression screening method  
IN Kingsman, Alan John, Oxford, UNITED KINGDOM  
PI US 2003180740 A1 20030925  
AI US 2003-204724 A1 20030102 (10)  
WO 2001-GB758 20010222  
PRAI GB 2000-4197 20000222  
GB 2000-18679 20000728  
DT Utility  
FS APPLICATION  
LN.CNT 3757  
INCL INCLM: 435/006.000  
NCL NCLM: 435/006.000  
IC [7]  
ICM: C12Q001-68  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 34 USPATFULL on STN  
AN 2003:257246 USPATFULL  
TI Antibodies that immunospecifically bind to trail receptors  
IN Salcedo, Theodora, East Syracuse, NY, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Albert, Vivian R., Rockville, MD, UNITED STATES  
Humphreys, Robin, Frederick, MD, UNITED STATES  
Vaughan, Tristan, Cambridge, UNITED KINGDOM  
PI US 2003180296 A1 20030925  
AI US 2002-322673 A1 20021219 (10)  
PRAI US 2001-341237P 20011220 (60)  
US 2002-369877P 20020405 (60)  
US 2002-384828P 20020604 (60)  
US 2002-396591P 20020718 (60)  
US 2002-403370P 20020815 (60)  
US 2002-425737P 20021113 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 12359  
INCL INCLM: 424/143.100

NCL NCLM: 424/143.100  
NCLS: 530/388.220  
IC [7]  
ICM: A61K039-395  
ICS: C07K016-30  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 34 USPATFULL on STN  
AN 2003:243794 USPATFULL  
TI Death domain containing receptors  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Gentz, Reiner L., Belo Horizonte, BRAZIL  
Dillon, Patrick J., Carlsbad, CA, UNITED STATES  
PA Human Genome Sciences, Inc. (U.S. corporation)  
PI US 2003170203 A1 20030911  
AI US 2002-189189 A1 20020705 (10)  
RLI Continuation-in-part of Ser. No. US 2000-557908, filed on 21 Apr 2000,  
PENDING Continuation-in-part of Ser. No. US 1997-815469, filed on 11 Mar  
1997, GRANTED, Pat. No. US 6153402  
PRAI US 2001-314314P 20010824 (60)  
US 2001-303155P 20010706 (60)  
US 1999-136741P 19990528 (60)  
US 1999-130488P 19990422 (60)  
US 1997-37341P 19970206 (60)  
US 1996-28711P 19961017 (60)  
US 1996-13285P 19960312 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 9858  
INCL INCLM: 424/085.100  
INCLS: 424/145.100; 514/210.090; 514/011.000  
NCL NCLM: 424/085.100  
NCLS: 424/145.100; 514/210.090; 514/011.000  
IC [7]  
ICM: A61K039-395  
ICS: A61K031-407; A61K038-19; A61K038-13  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 34 USPATFULL on STN  
AN 2003:238706 USPATFULL  
TI Human tumor necrosis factor delta and epsilon  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Gentz, Reiner, Belo Horizonte-Mg, BRAZIL  
PI US 2003166864 A1 20030904  
AI US 2002-268951 A1 20021011 (10)  
RLI Continuation-in-part of Ser. No. US 2001-879919, filed on 14 Jun 2001,  
PENDING Continuation-in-part of Ser. No. US 1997-815783, filed on 12 Mar  
1997, GRANTED, Pat. No. US 6509170 Continuation-in-part of Ser. No. US  
1997-815783, filed on 12 Mar 1997, GRANTED, Pat. No. US 6509170  
Continuation-in-part of Ser. No. US 2002-82260, filed on 26 Feb 2002,  
GRANTED, Pat. No. US 6506882 Division of Ser. No. US 1997-815783, filed  
on 12 Mar 1997, GRANTED, Pat. No. US 6509170  
PRAI US 2001-328401P 20011012 (60)  
US 2000-211537P 20000615 (60)  
US 2000-241952P 20001023 (60)  
US 2000-254875P 20001213 (60)  
US 2001-277978P 20010323 (60)  
US 2001-276248P 20010316 (60)  
US 2001-293499P 20010525 (60)  
US 1996-16812P 19960314 (60)  
US 1996-16812P 19960314 (60)  
US 1996-16812P 19960314 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 14873  
INCL INCLM: 530/351.000  
INCLS: 435/069.500; 435/320.100; 435/325.000; 536/023.500; 424/085.100;  
424/450.000  
NCL NCLM: 530/351.000  
NCLS: 435/069.500; 435/320.100; 435/325.000; 536/023.500; 424/085.100;  
424/450.000  
IC [7]  
ICM: C07K014-525

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 34 USPATFULL on STN  
AN 2003:215352 USPATFULL  
TI Diagnostics and therapeutics for arterial wall disruptive disorders  
IN Hageman, Gregory S., Coralville, IA, UNITED STATES  
PI US 2003149997 A1 20030807  
AI US 2000-511008 A1 20000222 (9)  
PRAI US 1999-120822P 19990219 (60)  
US 1999-120668P 19990219 (60)  
US 1999-123052P 19990305 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 6580  
INCL INCLM: 800/008.000  
INCLS: 435/006.000; 800/009.000; 435/007.100  
NCL NCLM: 800/008.000  
NCLS: 435/006.000; 800/009.000; 435/007.100  
IC [7]  
ICM: A01K067-00  
ICS: C12Q001-68; G01N033-53

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 34 USPATFULL on STN  
AN 2003:187403 USPATFULL  
TI Tumor necrosis factor-gamma  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Zhang, Jun, San Diego, CA, UNITED STATES  
PI US 2003129189 A1 20030710  
AI US 2002-226294 A1 20020823 (10)  
RLI Continuation-in-part of Ser. No. US 2001-899059, filed on 6 Jul 2001,  
PENDING Continuation-in-part of Ser. No. US 2000-559290, filed on 27 Apr  
2000, ABANDONED Continuation-in-part of Ser. No. US 1999-246129, filed  
on 8 Feb 1999, PENDING Continuation-in-part of Ser. No. US 1998-131237,  
filed on 7 Aug 1998, PENDING Continuation-in-part of Ser. No. US  
1998-5020, filed on 9 Jan 1998, ABANDONED Continuation-in-part of Ser.  
No. US 1995-461246, filed on 5 Jun 1995, ABANDONED Continuation-in-part  
of Ser. No. WO 1994-US12880, filed on 7 Nov 1994, PENDING  
PRAI US 2001-314381P 20010824 (60)  
US 2001-278449P 20010326 (60)  
US 2000-216879P 20000707 (60)  
US 2000-180908P 20000208 (60)  
US 1999-134067P 19990513 (60)  
US 1999-132227P 19990503 (60)  
US 1999-131963P 19990430 (60)  
US 1998-74047P 19980209 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13325  
INCL INCLM: 424/145.100  
NCL NCLM: 424/145.100  
IC [7]  
ICM: A61K039-395

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 34 USPATFULL on STN  
AN 2003:187348 USPATFULL  
TI Method of monitoring neuroprotective treatment  
IN Chenard, Bertrand L., Waterford, CT, UNITED STATES  
Friedman, David L., Madison, CT, UNITED STATES  
Kimmel, Lida, Chester, CT, UNITED STATES  
Nelms, Linda F., Gales Ferry, CT, UNITED STATES  
Silber, B. Michael, Madison, CT, UNITED STATES  
Soares, Holly D., Noank, CT, UNITED STATES  
Frost White, Walter, JR., Ledyard, CT, UNITED STATES  
PA Pfizer Inc. (U.S. corporation)  
PI US 2003129134 A1 20030710  
AI US 2002-268465 A1 20021010 (10)  
PRAI US 2001-328890P 20011012 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1218  
INCL INCLM: 424/009.300

NCL NCLM: 424/009.300  
NCLS: 435/007.920  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-537; G01N033-543  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 34 USPATFULL on STN  
AN 2003:172702 USPATFULL  
TI Antibodies to tumor necrosis factor 5  
IN Wei, Ying-Fei, Berkeley, CA, UNITED STATES  
Ni, Jian, Rockville, MD, UNITED STATES  
Gentz, Reiner L., Rockville, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
PA Human Genome Sciences, Inc. (U.S. corporation)  
PI US 2003118546 A1 20030626  
AI US 2002-186643 A1 20020702 (10)  
RLI Division of Ser. No. US 2000-573986, filed on 18 May 2000, GRANTED, Pat.  
No. US 6455040 Division of Ser. No. US 1998-6353, filed on 13 Jan 1998,  
GRANTED, Pat. No. US 6261801  
PRAI US 1999-135164P 19990520 (60)  
US 1997-54885P 19970807 (60)  
US 1997-35496P 19970114 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 9588  
INCL INCLM: 424/085.100  
INCLS: 424/146.100  
NCL NCLM: 424/085.100  
NCLS: 424/146.100  
IC [7]  
ICM: A61K039-395  
ICS: A61K038-19  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 10 OF 34 USPATFULL on STN  
AN 2003:166515 USPATFULL  
TI Polynucleotide encoding a novel cysteine protease of the calpain  
superfamily, CAN-12, and variants thereof  
IN Chen, Jian, Princeton, NJ, UNITED STATES  
Feder, John N., Belle Mead, NJ, UNITED STATES  
Nelson, Thomas C., Lawrenceville, NJ, UNITED STATES  
Seiler, Steven, Pennington, NJ, UNITED STATES  
Vaz, Roy J., North Branch, NJ, UNITED STATES  
Duclos, Franck, Washington Crossing, PA, UNITED STATES  
PI US 2003114373 A1 20030619  
AI US 2002-116519 A1 20020403 (10)  
PRAI US 2001-281253P 20010403 (60)  
US 2001-288768P 20010504 (60)  
US 2001-296180P 20010606 (60)  
US 2001-300620P 20010625 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 30149  
INCL INCLM: 514/012.000  
INCLS: 536/023.200; 530/350.000; 435/069.100; 435/325.000; 435/320.100  
NCL NCLM: 514/012.000  
NCLS: 536/023.200; 530/350.000; 435/069.100; 435/325.000; 435/320.100  
IC [7]  
ICM: A61K038-17  
ICS: C12P021-02; C12N005-06; C07H021-04; C07K014-435  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 11 OF 34 USPATFULL on STN  
AN 2003:158903 USPATFULL  
TI Death domain containing receptor 4  
IN Ni, Jian, Rockville, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Pan, James G., Belmont, CA, UNITED STATES  
Gentz, Reiner L., Rockville, MD, UNITED STATES  
Dixit, Vishva M., Los Altos Hills, CA, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)  
PI US 2003108516 A1 20030612  
AI US 2002-175902 A1 20020621 (10)  
RLI Division of Ser. No. US 2000-565918, filed on 5 May 2000, GRANTED, Pat.

GRANTED, Pat. No. US 6342363  
PRAI US 1999-132922P 19990506 (60)  
US 1997-37829P 19970205 (60)  
US 1997-35722P 19970128 (60)

DT Utility

FS APPLICATION

LN.CNT 9230

INCL INCLM: 424/085.100

INCLS: 424/155.100; 514/012.000

NCL NCLM: 424/085.100

NCLS: 424/155.100; 514/012.000

IC [7]

ICM: A61K039-395

ICS: A61K038-19; A61K038-17

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 12 OF 34 USPATFULL on STN

AN 2003:79071 USPATFULL

TI Characterization of GRP94-ligand interactions and purification,  
screening, and therapeutic methods relating thereto

IN Nicchitta, Christopher V., Durham, NC, UNITED STATES

Wassenberg, James J., Durham, NC, UNITED STATES

Rosser, Meredith F.N., Durham, NC, UNITED STATES

Reed, Robyn C., Durham, NC, UNITED STATES

PI US 2003054996 A1 20030320

AI US 2002-210333 A1 20020801 (10)

RLI Continuation of Ser. No. WO 2001-US9512, filed on 26 Mar 2001, PENDING

PRAI US 2000-192118P 20000324 (60)

DT Utility

FS APPLICATION

LN.CNT 5078

INCL INCLM: 514/012.000

INCLS: 435/199.000

NCL NCLM: 514/012.000

NCLS: 435/199.000

IC [7]

ICM: A61K038-17

ICS: C12N009-22

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 13 OF 34 USPATFULL on STN

AN 2003:30380 USPATFULL

TI Dendritic enriched secreted lymphocyte activation molecule

IN Ruben, Steven M., Olney, MD, UNITED STATES

Young, Paul E., Gaithersburg, MD, UNITED STATES

PI US 2003022327 A1 20030130

AI US 2002-62523 A1 20020205 (10)

RLI Continuation-in-part of Ser. No. WO 2000-US21130, filed on 3 Aug 2000,

UNKNOWN Continuation-in-part of Ser. No. US 1999-369248, filed on 5 Aug

1999, PENDING Continuation-in-part of Ser. No. WO 1999-US2415, filed on

4 Feb 1999, UNKNOWN Continuation-in-part of Ser. No. US 1999-244110,

filed on 4 Feb 1999, PENDING

PRAI US 2001-267523P 20010206 (60)

US 2000-190062P 20000317 (60)

US 1998-73962P 19980206 (60)

US 1998-78572P 19980319 (60)

DT Utility

FS APPLICATION

LN.CNT 12477

INCL INCLM: 435/183.000

INCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200

NCL NCLM: 435/183.000

NCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200

IC [7]

ICM: C12N009-00

ICS: C07H021-04; C12P021-02; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 14 OF 34 USPATFULL on STN

AN 2003:279233 USPATFULL

TI Apoptosis inducing molecule II and methods of use

IN Ebner, Reinhard, Gaithersburg, MD, United States

Yu, Guo-Liang, Berkeley, CA, United States

Ruben, Steven M., Olney, MD, United States

Ullrich, Stephen, Rockville, MD, United States



PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)  
 PI US 6635743 B1 20031021  
 AI US 2000-523323 20000310 (9)  
 RLI Continuation-in-part of Ser. No. US 1999-252656, filed on 19 Feb 1999, now patented, Pat. No. US 6495520 Continuation-in-part of Ser. No. US 1998-27287, filed on 20 Feb 1998, now patented, Pat. No. US 6479254 Continuation-in-part of Ser. No. US 1998-3886, filed on 7 Jan 1998, now abandoned Continuation-in-part of Ser. No. US 1997-822953, filed on 21 Mar 1997, now abandoned  
 PRAI US 1999-168380P 19991202 (60)  
 US 1999-148326P 19990811 (60)  
 US 1999-142657P 19990706 (60)  
 US 1999-137457P 19990604 (60)  
 US 1999-124041P 19990311 (60)  
 US 1998-75409P 19980220 (60)  
 US 1996-30157P 19961031 (60)  
 US 1996-13923P 19960322 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 11419  
 INCL INCLM: 530/388.230  
 INCLS: 530/387.300; 530/388.100; 530/389.100; 530/389.200; 530/387.100; 435/007.100; 930/144.000  
 NCL NCLM: 530/388.230  
 NCLS: 530/387.300; 530/388.100; 530/389.100; 530/389.200; 530/387.100; 435/007.100; 930/144.000  
 IC [7]  
 ICM: C07K016-00  
 ICS: C07K016-24; C07K014-525; G01N033-53  
 EXF 530/387.1; 530/387.3; 530/388.1; 530/388.23; 530/389.1; 530/389.2; 435/7.1; 930/144

L4 ANSWER 15 OF 34 USPATFULL on STN  
 AN 2003:253536 USPATFULL  
 TI Nucleic acids encoding human tumor necrosis factor TR20  
 IN Ruben, Steven M., Olney, MD, United States  
 Baker, Kevin P., Darnestown, MD, United States  
 Ni, Jian, Germantown, MD, United States  
 PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)  
 PI US 6623941 B1 20030923  
 AI US 2001-848295 20010504 (9)  
 PRAI US 2000-202193P 20000505 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 10960  
 INCL INCLM: 435/069.100  
 INCLS: 536/023.500; 530/350.000; 435/320.100; 435/252.300; 435/325.000  
 NCL NCLM: 435/069.100  
 NCLS: 536/023.500; 530/350.000; 435/320.100; 435/252.300; 435/325.000  
 IC [7]  
 ICM: C12N015-12  
 ICS: C07K014-705  
 EXF 536/23.5; 530/350; 435/320.1; 435/69.1; 435/252.3; 435/325  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 16 OF 34 USPATFULL on STN  
 AN 2003:197132 USPATFULL  
 TI S-adenosyl methionine regulation of metabolic pathways and its use in diagnosis and therapy  
 IN Schwartz, Dennis E., Redmond, WA, United States  
 Vermeulen, Nicolaas M. J., Woodinville, WA, United States  
 O'Day, Christine L., Mountlake Terrace, WA, United States  
 PA MediQuest Therapeutics, Inc., Seattle, WA, United States (U.S. corporation)  
 PI US 6596701 B1 20030722  
 WO 9633703 19961031  
 AI US 1998-930128 19980316 (8)  
 WO 1996-US5799 19960425  
 RLI Continuation-in-part of Ser. No. US 1995-476447, filed on 7 Jun 1995, now abandoned Continuation-in-part of Ser. No. US 1995-428963, filed on 25 Apr 1995  
 DT Utility  
 FS GRANTED

INCL INCLM: 514/046.000  
INCLS: 435/007.100; 528/338.000; 528/340.000  
NCL NCLM: 514/046.000  
NCLS: 435/007.100; 528/338.000; 528/340.000  
IC [7]  
ICM: A01N043-04  
ICS: G01N033-53; C08G069-26  
EXF 435/7.1; 514/46; 528/338; 528/340  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 17 OF 34 USPATFULL on STN DUPLICATE 1  
AN 2002:126317 USPATFULL  
TI Human tumor necrosis factor delta and epsilon  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Gentz, Reiner L., Rockville, MD, UNITED STATES  
Dillon, Patrick J., Carlsbad, CA, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)  
PI US 2002064829 A1 20020530  
US 6541224 B2 20030401  
AI US 2001-879919 A1 20010614 (9)  
RLI Continuation-in-part of Ser. No. US 1997-815783, filed on 12 Mar 1997, PENDING  
PRAI US 1996-16812P 19960314 (60)  
US 2001-293499P 20010525 (60)  
US 2001-277978P 20010323 (60)  
US 2001-276248P 20010316 (60)  
US 2000-254875P 20001213 (60)  
US 2000-241952P 20001023 (60)  
US 2000-211537P 20000615 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13531  
INCL INCLM: 435/069.100  
INCLS: 435/325.000; 435/320.100; 530/351.000; 424/145.100; 530/388.230; 536/023.500  
NCL NCLM: 435/069.500  
NCLS: 435/007.710; 435/069.100; 435/069.700; 435/070.100; 514/002.000; 514/012.000; 530/350.000; 530/351.000  
IC [7]  
ICM: A61K039-395  
ICS: C07K014-525; C07K016-24; C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 18 OF 34 USPATFULL on STN DUPLICATE 2  
AN 2002:283360 USPATFULL  
TI Keratinocyte derived interferon  
IN LaFleur, David W., Washington, DC, United States  
Moore, Paul A., Germantown, MD, United States  
Ruben, Steven M., Olney, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)  
PI US 6472512 B1 20021029  
US 2002187950 A1 20021212  
AI US 2001-908594 20010720 (9)  
RLI Continuation-in-part of Ser. No. US 2000-487792, filed on 20 Jan 2000  
Continuation-in-part of Ser. No. WO 2000-US1239, filed on 20 Jan 2000  
Continuation-in-part of Ser. No. US 1999-358587, filed on 21 Jul 1999  
Continuation-in-part of Ser. No. WO 1999-US16424, filed on 21 Jul 1999  
Continuation-in-part of Ser. No. US 2001-358587, filed on 24 May 2001, now abandoned  
Continuation-in-part of Ser. No. WO 1998-US9916424, filed on 21 Jul 1998, now abandoned  
PRAI US 2001-292934P 20010524 (60)  
US 2000-219621P 20000721 (60)  
US 1998-93643P 19980721 (60)  
DT Utility  
FS GRANTED  
LN.CNT 14148  
INCL INCLM: 530/388.200  
INCLS: 530/388.150; 530/389.200; 530/391.300; 435/007.920; 435/331.000; 435/335.000  
NCL NCLM: 530/388.200  
NCLS: 435/007.920; 435/331.000; 435/335.000; 530/388.150; 530/389.200; 530/391.300  
[7]

ICM: C07K016-00  
ICS: C07K016-24; C12P021-08; G01N033-53  
EXF 530/388.15; 530/388.2; 530/389.2; 530/391.3; 435/331; 435/335; 435/7.92  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 19 OF 34 USPATFULL on STN  
AN 2002:337940 USPATFULL  
TI Cytokine receptor common gamma chain like  
IN Ruben, Steven M., Olney, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Moore, Paul A., Germantown, MD, UNITED STATES  
PI US 2002193305 A1 20021219  
AI US 2002-78059 A1 20020220 (10)  
RLI Continuation-in-part of Ser. No. WO 2000-us22493, filed on 17 Aug 2000,  
UNKNOWN Continuation-in-part of Ser. No. US 1999-376430, filed on 18 Aug  
1999, PENDING Continuation-in-part of Ser. No. WO 1999-US5068, filed on  
5 Mar 1999, UNKNOWN Continuation-in-part of Ser. No. US 1999-263626,  
filed on 5 Mar 1999, PENDING  
PRAI US 2001-269876P 20010221 (60)  
US 1998-78563P 19980319 (60)  
US 1998-86505P 19980522 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13770  
INCL INCLM: 514/012.000  
INCLS: 530/350.000; 536/023.500; 435/069.100; 435/325.000; 435/320.100  
NCL NCLM: 514/012.000  
NCLS: 530/350.000; 536/023.500; 435/069.100; 435/325.000; 435/320.100  
IC [7]  
ICM: A61K038-17  
ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-715  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 20 OF 34 USPATFULL on STN  
AN 2002:329846 USPATFULL  
TI Neutrokin- $\alpha$  binding proteins and methods based thereon  
IN Ruben, Steven M., Olney, MD, UNITED STATES  
Ulrich, Stephen, Rockville, MD, UNITED STATES  
Baker, Kevin, Darnestown, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.  
corporation)  
PI US 2002187526 A1 20021212  
AI US 2002-84971 A1 20020301 (10)  
RLI Continuation of Ser. No. US 2000-533822, filed on 24 Mar 2000, PENDING  
PRAI US 1999-126599P 19990326 (60)  
US 2000-188208P 20000310 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13242  
INCL INCLM: 435/069.500  
INCLS: 435/320.100; 435/325.000; 536/023.500; 530/351.000  
NCL NCLM: 435/069.500  
NCLS: 435/320.100; 435/325.000; 536/023.500; 530/351.000  
IC [7]  
ICM: C12P021-02  
ICS: C07H021-04; C07K014-52; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 21 OF 34 USPATFULL on STN  
AN 2002:300807 USPATFULL  
TI Methods for treating disorders of neuronal deficiency with bone  
marrow-derived cells  
IN Brazelton, Timothy R., Cupertino, CA, UNITED STATES  
Blau, Helen M., Menlo Park, CA, UNITED STATES  
PI US 2002168350 A1 20021114  
AI US 2001-993045 A1 20011113 (9)  
PRAI US 2000-247128P 20001110 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1696  
INCL INCLM: 424/093.210  
INCLS: 424/093.700  
NCL NCLM: 424/093.210  
NCLS: 424/093.700  
IC [7]

L4 ANSWER 22 OF 34 USPATFULL on STN  
 AN 2002:287633 USPATFULL  
 TI Isolated GRP94 ligand binding domain polypeptide and nucleic acid  
 encoding same, and screening methods employing same  
 IN Gewirth, Daniel T., Durham, NC, UNITED STATES  
 Nicchitta, Christopher V., Durham, NC, UNITED STATES  
 PI US 2002160496 A1 20021031  
 AI US 2001-968436 A1 20011001 (9)  
 RLI Continuation-in-part of Ser. No. WO 2001-US9512, filed on 26 Mar 2001,  
 UNKNOWN  
 PRAI US 2000-192118P 20000324 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 5917  
 INCL INCLM: 435/226.000  
 INCLS: 435/320.100; 435/325.000; 435/069.100; 536/023.200  
 NCL NCLM: 435/226.000  
 NCLS: 435/320.100; 435/325.000; 435/069.100; 536/023.200  
 IC [7]  
 ICM: C12N009-64  
 ICS: C07H021-04; C12P021-02; C12N005-06  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 23 OF 34 USPATFULL on STN  
 AN 2002:273550 USPATFULL  
 TI Nucleic acids, proteins and antibodies  
 IN Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Ruben, Steven M., Olney, MD, UNITED STATES  
 PI US 2002151681 A1 20021017  
 AI US 2001-925300 A1 20010810 (9)  
 RLI Continuation-in-part of Ser. No. WO 2000-US5988, filed on 8 Mar 2000,  
 UNKNOWN  
 PRAI US 1999-124270P 19990312 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 29771  
 INCL INCLM: 530/350.000  
 INCLS: 536/023.500; 435/325.000; 435/320.100; 435/069.300  
 NCL NCLM: 530/350.000  
 NCLS: 536/023.500; 435/325.000; 435/320.100; 435/069.300  
 IC [7]  
 ICM: C07K014-435  
 ICS: C07H021-04; C12P021-02; C12N005-06  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 24 OF 34 USPATFULL on STN  
 AN 2002:272419 USPATFULL  
 TI Tumor necrosis factor-gamma  
 IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
 Ni, Jian, Germantown, MD, UNITED STATES  
 Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Zhang, Jun, Bethesda, MD, UNITED STATES  
 PI US 2002150534 A1 20021017  
 AI US 2001-899059 A1 20010706 (9)  
 RLI Continuation-in-part of Ser. No. WO 2000-US11689, filed on 28 Apr 2000,  
 UNKNOWN Continuation-in-part of Ser. No. US 1999-246129, filed on 8 Feb  
 1999, PENDING Continuation-in-part of Ser. No. US 1998-131237, filed on  
 7 Aug 1998, PENDING Continuation-in-part of Ser. No. US 1998-5020, filed  
 on 9 Jan 1998, ABANDONED Continuation-in-part of Ser. No. US  
 1995-461246, filed on 5 Jun 1995, ABANDONED Continuation-in-part of Ser.  
 No. WO 1994-US12880, filed on 7 Nov 1994, UNKNOWN  
 PRAI US 2001-278449P 20010326 (60)  
 US 2000-216879P 20000707 (60)  
 US 2000-180908P 20000208 (60)  
 US 1999-134067P 19990513 (60)  
 US 1999-132227P 19990503 (60)  
 US 1999-131963P 19990430 (60)  
 US 1998-74047P 19980209 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 12881  
 INCL INCLM: 424/001.490  
 INCLS: 424/145.100  
 NCL NCLM: 424/001.490  
 NCLS: 424/145.100

IC [7]  
ICM: A61K051-00  
ICS: A61K039-395  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 25 OF 34 USPATFULL on STN  
AN 2002:198636 USPATFULL  
TI Human tumor necrosis factor receptor TR17  
IN Ruben, Steven M., Olney, MD, UNITED STATES  
Baker, Kevin P., Darnestown, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)  
PI US 2002106736 A1 20020808  
AI US 2001-961376 A1 20010925 (9)  
RLI Continuation-in-part of Ser. No. US 2000-533822, filed on 24 Mar 2000, PENDING  
PRAI US 2000-254874P 20001213 (60)  
US 2000-235991P 20000926 (60)  
US 2000-188208P 20000310 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13690  
INCL INCLM: 435/069.100  
INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
IC [7]  
ICM: C07K014-705  
ICS: C07H021-04; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 26 OF 34 USPATFULL on STN  
AN 2002:246365 USPATFULL  
TI Tumor necrosis factor receptor 5  
IN Wei, Ying-Fei, Berkeley, CA, United States  
Ni, Jian, Rockville, MD, United States  
Gentz, Reiner L., Rockville, MD, United States  
Ruben, Steven M., Odenton, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)  
PI US 6455040 B1 20020924  
AI US 2000-573986 20000518 (9)  
RLI Continuation-in-part of Ser. No. US 1998-6353, filed on 13 Jan 1998, now patented, Pat. No. US 6261801  
PRAI US 1999-135164P 19990520 (60)  
US 1997-54885P 19970807 (60)  
US 1997-35496P 19970114 (60)  
DT Utility  
FS GRANTED  
LN.CNT 9119  
INCL INCLM: 424/134.100  
INCLS: 424/139.100; 424/178.100; 424/188.000; 424/143.100; 530/388.220; 530/387.300; 530/387.900; 435/007.210; 435/328.000; 435/334.000  
NCL NCLM: 424/134.100  
NCLS: 424/138.100; 424/139.100; 424/143.100; 424/178.100; 435/007.210; 435/328.000; 435/334.000; 530/387.300; 530/387.900; 530/388.220  
IC [7]  
ICM: A61K039-395  
EXF 530/387.3; 530/387.9; 530/388.22; 424/134.1; 424/139.1; 424/178.1; 424/188; 424/143.1; 435/7.21; 435/328; 435/334  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 27 OF 34 USPATFULL on STN  
AN 2002:202241 USPATFULL  
TI Death domain containing receptor-4  
IN Ni, Jian, Rockville, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
Pan, James G., Belmont, CA, United States  
Gentz, Reiner L., Rockville, MD, United States  
Dixit, Vishva M., Los Altos Hills, CA, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)  
The Regents of the University of Michigan, Ann Arbor, MI, United States (U.S. corporation)  
PI US 6433147 B1 20020813

RLI Continuation-in-part of Ser. No. US 1998-13895, filed on 27 Jan 1998,  
now patented, Pat. No. US 6342363  
PRAI US 1999-132922P 19990506 (60)  
US 1997-35722P 19970128 (60)  
US 1997-37829P 19970205 (60)  
DT Utility  
FS GRANTED  
LN.CNT 8675  
INCL INCLM: 530/387.300  
INCLS: 530/300.000; 530/350.000; 530/402.000; 536/023.100; 536/023.500;  
435/069.100; 435/325.000; 435/252.300; 435/254.110; 424/178.100  
NCL NCLM: 530/387.300  
NCLS: 424/178.100; 435/069.100; 435/252.300; 435/254.110; 435/325.000;  
530/300.000; 530/350.000; 530/402.000; 536/023.100; 536/023.500  
IC [7]  
ICM: C07K014-705  
EXF 530/300; 530/350; 530/402; 530/387.3; 536/23.1; 536/23.5; 536/23.4;  
435/69.1; 435/375; 435/252.3; 435/254.11; 424/178.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 28 OF 34 USPATFULL on STN  
AN 2002:202239 USPATFULL  
TI Keratinocyte derived interferon  
IN LaFleur, David W., Washington, DC, United States  
Moore, Paul A., Germantown, MD, United States  
Ruben, Steven M., Olney, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 6433145 B1 20020813  
AI US 2000-487792 20000120 (9)  
RLI Continuation-in-part of Ser. No. US 1999-358587, filed on 21 Jul 1999,  
now abandoned Continuation-in-part of Ser. No. WO 1999-US16424, filed on  
21 Jul 1999  
PRAI US 93643P (60)  
DT Utility  
FS GRANTED  
LN.CNT 13514  
INCL INCLM: 530/351.000  
INCLS: 530/350.000; 424/085.400; 435/007.100  
NCL NCLM: 530/351.000  
NCLS: 424/085.400; 435/007.100; 530/350.000  
IC [7]  
ICM: C07K017-00  
ICS: C07K014-00; A61K038-21; C12Q001-68  
EXF 536/23.5; 536/23.52; 530/350; 530/351; 530/387.1; 435/69.1; 435/7.1;  
424/85.4  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 29 OF 34 USPATFULL on STN  
AN 2000:167749 USPATFULL  
TI Method and compositions for treating and diagnosing tumors using  
adenosine receptor activated cells  
IN Neely, Constance, Raleigh, NC, United States  
PA Link Technology Incorporated, Raleigh, NC, United States (U.S.  
corporation)  
PI US 6159701 20001212  
AI US 1996-748559 19961108 (8)  
DT Utility  
FS Granted  
LN.CNT 872  
INCL INCLM: 435/007.230  
INCLS: 435/007.100; 435/372.000; 530/300.000; 530/350.000  
NCL NCLM: 435/007.230  
NCLS: 435/007.100; 435/372.000; 530/300.000; 530/350.000  
IC [7]  
ICM: G01H033-53  
EXF 435/372; 435/7.1; 435/7.23; 530/300; 530/350  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 30 OF 34 USPATFULL on STN  
AN 2000:35495 USPATFULL  
TI Drug delivery system and method  
IN Walker, Jeffrey P., San Diego, CA, United States  
Bernard, Robert M., Rancho Santa Fe, CA, United States  
PA Ichor Medical Systems Inc., San Diego, CA, United States (U.S.

PI US 6041252 20000321  
 AI US 1995-476714 19950607 (8)  
 DT Utility  
 FS Granted  
 LN.CNT 2555  
 INCL INCLM: 604/020.000  
 INCLS: 604/021.000; 435/173.600; 435/285.200; 607/072.000  
 NCL NCLM: 604/020.000  
 NCLS: 435/173.600; 435/285.200; 604/021.000; 607/072.000  
 IC [7]  
 ICM: A61N001-30  
 EXF 604/20-21; 604/49; 935/52-53; 435/173.6; 435/285.2; 607/72

L4 ANSWER 31 OF 34 USPATFULL on STN  
 AN 2000:12602 USPATFULL  
 TI s-adenosyl methionine regulation of metabolic pathways and its use in  
 diagnosis and therapy  
 IN Schwartz, Dennis E., Redmond, WA, United States  
 Vermeulen, Nicolaas M. J., Woodinville, WA, United States  
 O'Day, Christine L., Mountlake Terrace, WA, United States  
 PA Oridigm Corporation, Seattle, WA, United States (U.S. corporation)  
 PI US 6020139 20000201  
 AI US 1995-428963 19950425 (8)  
 DT Utility  
 FS Granted  
 LN.CNT 4367  
 INCL INCLM: 435/007.100  
 INCLS: 435/007.100; 435/192.000; 514/556.000  
 NCL NCLM: 435/007.100  
 NCLS: 435/192.000; 514/556.000  
 IC [6]  
 ICM: G01N033-53  
 ICS: C12N009-08; A01N037-30  
 EXF 435/7.1; 435/192; 514/556  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 32 OF 34 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN 2000-257071 [22] WPIDS  
 DNN N2000-191070 DNC C2000-078630  
 TI Early detection of central nervous system damage, useful e.g. for  
 assessing treatment of brain tumors, by detecting high levels of  
 \*\*\*\*tau\*\*\* protein.  
 DC B04 D16 S03  
 IN HULSTAERT, F; VANDERSTICHELE, H; VANMECHELEN, E  
 PA (INNO-N) INNOGENETICS NV  
 CYC 89  
 PI WO 2000014546 A1 20000316 (200022)\* EN 40p G01N033-68  
 RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL  
 OA PT SD SE SL SZ UG ZW  
 W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES  
 FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
 LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
 TM TR TT UA UG US UZ VN YU ZA ZW  
 AU 9959746 A 20000327 (200032) G01N033-68  
 BR 9913112 A 20010508 (200129) G01N033-68  
 EP 1112500 A1 20010704 (200138) EN G01N033-68  
 R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
 RO SE SI  
 CN 1325491 A 20011205 (200223) G01N033-68  
 JP 2002524740 W 20020806 (200266) 42p G01N033-53  
 ADT WO 2000014546 A1 WO 1999-EP6592 19990907; AU 9959746 A AU 1999-59746  
 19990907; BR 9913112 A BR 1999-13112 19990907; WO 1999-EP6592 19990907; EP  
 1112500 A1 EP 1999-968716 19990907; WO 1999-EP6592 19990907; CN 1325491 A  
 CN 1999-812850 19990907; JP 2002524740 W WO 1999-EP6592 19990907, JP  
 2000-569239 19990907  
 FDT AU 9959746 A Based on WO 2000014546; BR 9913112 A Based on WO 2000014546;  
 EP 1112500 A1 Based on WO 2000014546; JP 2002524740 W Based on WO  
 2000014546  
 PRAI EP 1998-870190 19980908  
 IC ICM G01N033-53; G01N033-68  
 ICS G01N033-15; G01N033-50; G01N033-574; G01N033-577  
 ICA C07K016-18

L4 ANSWER 33 OF 34 USPATFULL on STN  
 AN 1998:124583 USPATFULL

IN Theoharides, Theoharis C., 14 Parkman St., #2, Brookline, MA, United States 02146  
PI US 5821259 19981013  
AI US 1995-524023 19950906 (8)  
RLI Continuation of Ser. No. US 1994-284041, filed on 1 Aug 1994, now abandoned which is a continuation of Ser. No. US 1993-37697, filed on 24 Mar 1993, now abandoned which is a continuation of Ser. No. US 1991-790343, filed on 12 Nov 1991, now abandoned  
DT Utility  
FS Granted  
LN.CNT 572  
INCL INCLM: 514/396.000  
INCLS: 514/397.000; 514/400.000  
NCL NCLM: 514/396.000  
NCLS: 514/397.000; 514/400.000  
IC [6]  
ICM: A61K031-415  
EXF 514/396; 514/397; 514/400  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 34 OF 34 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 3  
AN 1986:173902 BIOSIS  
DN PREV198681084318; BA81:84318  
TI THE EFFECT OF PERINATAL \*\*\*\*ANOXIA\*\*\*\* ON AMINO-ACID METABOLISM IN THE  
DEVELOPING BRAIN PART II. THE EFFECT OF PERINATAL \*\*\*\*ANOXIA\*\*\*\* ON THE  
FREE AMINO-ACID PATTERNS IN CEREBROSPINAL FLUID OF INFANTS AND CHILDREN.  
AU KANEKO K [Reprint author]  
CS DEP OF PEDIATRICS, JUNTENDO UNIV, SCH OF MED, URAYASU HOSP, 2-1-1 TOMIOKA,  
URAYASU-SHI, CHIBA 272-01, JAPAN  
SO Brain and Development, (1985) Vol. 7, No. 4, pp. 400-407.  
ISSN: 0387-7604.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 26 Apr 1986  
Last Updated on STN: 26 Apr 1986

=> S tau AND CSF AND tumor  
22 FILES SEARCHED...  
50 FILES SEARCHED...  
L5 573 TAU AND CSF AND TUMOR

=> DUP REM L5  
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,  
DRUGLAUNCH, DRUGMONOG2, DRUGUPDATES, FEDRIP, FOREGE, GENBANK, KOSMET,  
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.  
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE  
PROCESSING COMPLETED FOR L5  
L6 493 DUP REM L5 (80 DUPLICATES REMOVED)

=> S L6 AND brain tumor  
22 FILES SEARCHED...  
42 FILES SEARCHED...  
60 FILES SEARCHED...  
L7 102 L6 AND BRAIN TUMOR

=> D L7 1-102

L7 ANSWER 1 OF 102 FEDRIP COPYRIGHT 2003 NTIS on STN  
AN 2003:140109 FEDRIP  
NR CRISP 1Z01AG00139-03  
TI Cerebrospinal Fluid Markers of Aging And Brain Disease  
SF Principal Investigator: RAPOPORT, STANLEY I  
CSS Supported By: NATIONAL INSTITUTE ON AGING  
FYR 2002  
FU Not Applicable  
FS National Institutes of Health

L7 ANSWER 2 OF 102 USPATFULL on STN  
AN 2003:282657 USPATFULL  
TI Diagnostic markers of stroke and cerebral injury and methods of use  
thereof  
IN Valkirs, Gunars E., Escondido, CA, UNITED STATES



Kirchick, Howard J., San Diego, CA, UNITED STATES  
 Buechler, Kenneth F., Rancho Santa Fe, CA, UNITED STATES

PI US 2003199000 A1 20031023  
 AI US 2003-371149 A1 20030220 (10)  
 RLI Continuation-in-part of Ser. No. US 2002-225082, filed on 20 Aug 2002,  
 PENDING Continuation-in-part of Ser. No. WO 2002-US26604, filed on 20  
 Aug 2002, PENDING

PRAI US 2001-313775P 20010820 (60)  
 US 2001-334964P 20011130 (60)  
 US 2002-346485P 20020102 (60)

DT Utility  
 FS APPLICATION  
 LN.CNT 4629  
 INCL INCLM: 435/007.100  
 INCLS: 435/287.200  
 NCL NCLM: 435/007.100  
 NCLS: 435/287.200  
 IC [7]  
 ICM: G01N033-53  
 ICS: C12M001-34

L7 ANSWER 3 OF 102 USPATFULL on STN  
 AN 2003:279233 USPATFULL  
 TI Apoptosis inducing molecule II and methods of use  
 IN Ebner, Reinhard, Gaithersburg, MD, United States  
 Yu, Guo-Liang, Berkeley, CA, United States  
 Ruben, Steven M., Olney, MD, United States  
 Ullrich, Stephen, Rockville, MD, United States  
 Zhai, Yifan, Guilford, CT, United States  
 PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
 corporation)

PI US 6635743 B1 20031021  
 AI US 2000-523323 20000310 (9)  
 RLI Continuation-in-part of Ser. No. US 1999-252656, filed on 19 Feb 1999,  
 now patented, Pat. No. US 6495520 Continuation-in-part of Ser. No. US  
 1998-27287, filed on 20 Feb 1998, now patented, Pat. No. US 6479254  
 Continuation-in-part of Ser. No. US 1998-3886, filed on 7 Jan 1998, now  
 abandoned Continuation-in-part of Ser. No. US 1997-822953, filed on 21  
 Mar 1997, now abandoned

PRAI US 1999-168380P 19991202 (60)  
 US 1999-148326P 19990811 (60)  
 US 1999-142657P 19990706 (60)  
 US 1999-137457P 19990604 (60)  
 US 1999-124041P 19990311 (60)  
 US 1998-75409P 19980220 (60)  
 US 1996-30157P 19961031 (60)  
 US 1996-13923P 19960322 (60)

DT Utility  
 FS GRANTED  
 LN.CNT 11419  
 INCL INCLM: 530/388.230  
 INCLS: 530/387.300; 530/388.100; 530/389.100; 530/389.200; 530/387.100;  
 435/007.100; 930/144.000  
 NCL NCLM: 530/388.230  
 NCLS: 530/387.300; 530/388.100; 530/389.100; 530/389.200; 530/387.100;  
 435/007.100; 930/144.000  
 IC [7]  
 ICM: C07K016-00  
 ICS: C07K016-24; C07K014-525; G01N033-53  
 EXF 530/387.1; 530/387.3; 530/388.1; 530/388.23; 530/389.1; 530/389.2;  
 435/7.1; 930/144

L7 ANSWER 4 OF 102 USPATFULL on STN  
 AN 2003:279119 USPATFULL  
 TI Monoclonal antibodies to membrane neutrokin-.alpha.  
 IN Yu, Guo-Liang, Berkeley, CA, United States  
 Ebner, Reinhard, Gaithersburg, MD, United States  
 Ni, Jian, Rockville, MD, United States  
 Rosen, Craig A., Laytonville, MD, United States  
 PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
 corporation)

PI US 6635482 B1 20031021  
 AI US 2000-589286 20000608 (9)  
 RLI Continuation of Ser. No. US 2000-507968, filed on 22 Feb 2000  
 Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999

Continuation-in-part of Ser. No. WO 1996-US17957, filed on 25 Oct 1996

PRAI US 2000-176015P 20000114 (60)  
US 1999-171626P 19991223 (60)  
US 1999-171108P 19991216 (60)  
US 1999-168624P 19991203 (60)  
US 1999-167239P 19991124 (60)  
US 1999-145824P 19990727 (60)  
US 1999-142659P 19990706 (60)  
US 1999-136784P 19990528 (60)  
US 1999-131673P 19990429 (60)  
US 1999-131278P 19990427 (60)  
US 1999-130696P 19990423 (60)  
US 1999-130412P 19990416 (60)  
US 1999-127598P 19990402 (60)  
US 1999-126599P 19990326 (60)  
US 1999-124097P 19990312 (60)  
US 1999-122388P 19990302 (60)  
US 1997-36100P 19970114 (60)

DT Utility

FS GRANTED

LN.CNT 15413

INCL INCLM: 435/326.000

INCLS: 435/004.000; 435/328.000; 435/331.000; 530/387.100; 530/387.300;  
530/387.900; 530/388.100; 530/388.150

NCL NCLM: 435/326.000

NCLS: 435/004.000; 435/328.000; 435/331.000; 530/387.100; 530/387.300;  
530/387.900; 530/388.100; 530/388.150

IC [7]

ICM: C12N005-06

ICS: C12Q001-00; C07K016-00; C12P021-08

EXF 530/388.15; 530/350; 530/387.1; 530/387.9; 530/388.1; 530/391.1;  
530/391.3; 530/387.3; 514/2; 514/4; 435/4; 435/7.1; 435/326; 435/331;  
435/328; 435/334; 435/335; 435/336; 435/325; 424/130.1

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 102 USPATFULL on STN

AN 2003:276717 USPATFULL

TI DIAGNOSIS OF TAUOPATHIES

IN Vanmechelen, Eugeen, Nazareth - Eke, BELGIUM  
Vanderstichele, Hugo, Gent, BELGIUM

PI US 2003194742 A1 20031016

AI US 2001-769180 A1 20010124 (9)

PRAI EP 2000-870008 20000124

EP 2000-870280 20001122

US 2000-178391P 20000127 (60)

DT Utility

FS APPLICATION

LN.CNT 1612

INCL INCLM: 435/007.100

INCLS: 530/350.000

NCL NCLM: 435/007.100

NCLS: 530/350.000

IC [7]

ICM: G01N033-53

ICS: G01N033-537; G01N033-543; C07K014-47

L7 ANSWER 6 OF 102 USPATFULL on STN

AN 2003:271082 USPATFULL

TI Antibodies that immunospecifically bind to trail receptors

IN Salcedo, Theodora, Montgomery Village, MD, UNITED STATES

Ruben, Steven M., Brookeville, MD, UNITED STATES

Rosen, Craig A., Laytonsville, MD, UNITED STATES

Albert, Vivian R., Rockville, MD, UNITED STATES

Dobson, Claire, Cambridge, UNITED KINGDOM

Vaughan, Tristan, Cambridge, UNITED KINGDOM

PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.  
corporation)

PI US 2003190685 A1 20031009

AI US 2002-139785 A1 20020507 (10)

PRAI US 2001-293473P 20010525 (60)

US 2001-294981P 20010604 (60)

US 2001-309176P 20010802 (60)

US 2001-323807P 20010921 (60)

US 2001-327364P 20011009 (60)

US 2001-331044P 20011107 (60)

US 2001-341237P 20011220 (60)  
US 2002-369860P 20020405 (60)

DT Utility  
FS APPLICATION  
LN.CNT 11875  
INCL INCLM: 435/007.230  
INCLS: 530/388.220  
NCL NCLM: 435/007.230  
NCLS: 530/388.220  
IC [7]  
ICM: G01N033-574  
ICS: C07K016-30

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 102 USPATFULL on STN  
AN 2003:257246 USPATFULL  
TI Antibodies that immunospecifically bind to trail receptors  
IN Salcedo, Theodora, East Syracuse, NY, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Albert, Vivian R., Rockville, MD, UNITED STATES  
Humphreys, Robin, Frederick, MD, UNITED STATES  
Vaughan, Tristan, Cambridge, UNITED KINGDOM

PI US 2003180296 A1 20030925  
AI US 2002-322673 A1 20021219 (10)  
PRAI US 2001-341237P 20011220 (60)  
US 2002-369877P 20020405 (60)  
US 2002-384828P 20020604 (60)  
US 2002-396591P 20020718 (60)  
US 2002-403370P 20020815 (60)  
US 2002-425737P 20021113 (60)

DT Utility  
FS APPLICATION  
LN.CNT 12359  
INCL INCLM: 424/143.100  
INCLS: 530/388.220  
NCL NCLM: 424/143.100  
NCLS: 530/388.220  
IC [7]  
ICM: A61K039-395  
ICS: C07K016-30

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 8 OF 102 USPATFULL on STN  
AN 2003:253536 USPATFULL  
TI Nucleic acids encoding human \*\*\*\*tumor\*\*\*\* necrosis factor TR20  
IN Ruben, Steven M., Olney, MD, United States  
Baker, Kevin P., Darnestown, MD, United States  
Ni, Jian, Germantown, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

PI US 6623941 B1 20030923  
AI US 2001-848295 20010504 (9)  
PRAI US 2000-202193P 20000505 (60)  
DT Utility  
FS GRANTED  
LN.CNT 10960  
INCL INCLM: 435/069.100  
INCLS: 536/023.500; 530/350.000; 435/320.100; 435/252.300; 435/325.000  
NCL NCLM: 435/069.100  
NCLS: 536/023.500; 530/350.000; 435/320.100; 435/252.300; 435/325.000  
IC [7]  
ICM: C12N015-12  
ICS: C07K014-705

EXF 536/23.5; 530/350; 435/320.1; 435/69.1; 435/252.3; 435/325

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 9 OF 102 USPATFULL on STN  
AN 2003:251870 USPATFULL  
TI Adipocyte-specific protein homologs  
IN Sheppard, Paul O., Granite Falls, WA, UNITED STATES  
PA ZymoGenetics, Inc. (U.S. corporation)  
PI US 2003176659 A1 20030918  
AI US 2003-392706 A1 20030320 (10)  
RLI Continuation of Ser. No. US 2000-506852, filed on 17 Feb 2000, GRANTED,  
Pat. No. US 6566499 Continuation-in-part of Ser. No. US 1998-118408,

PRAI US 1997-53154P 19970718 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3646  
INCL INCLM: 530/356.000  
INCLS: 530/388.250; 536/023.500; 435/006.000; 435/069.100; 435/320.100;  
435/325.000  
NCL NCLM: 530/356.000  
NCLS: 530/388.250; 536/023.500; 435/006.000; 435/069.100; 435/320.100;  
435/325.000  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C07K014-78  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 10 OF 102 USPATFULL on STN  
AN 2003:251869 USPATFULL  
TI Adipocyte-specific protein homologs  
IN Sheppard, Paul O., Granite Falls, WA, UNITED STATES  
PA ZymoGenetics, Inc. (U.S. corporation)  
PI US 2003176658 A1 20030918  
AI US 2003-392531 A1 20030320 (10)  
RLI Continuation of Ser. No. US 2000-506852, filed on 17 Feb 2000, GRANTED,  
Pat. No. US 6566499 Continuation-in-part of Ser. No. US 1998-118408,  
filed on 17 Jul 1998, GRANTED, Pat. No. US 6265544  
PRAI US 1997-53154P 19970718 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3611  
INCL INCLM: 530/356.000  
INCLS: 530/388.250; 435/006.000; 435/069.100; 435/320.100; 435/325.000;  
536/023.500  
NCL NCLM: 530/356.000  
NCLS: 530/388.250; 435/006.000; 435/069.100; 435/320.100; 435/325.000;  
536/023.500  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C07K014-78; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 11 OF 102 USPATFULL on STN  
AN 2003:250423 USPATFULL  
TI Neutrokin- $\alpha$  and neutrokin- $\alpha$  splice variant  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ullrich, Stephen, Rockville, MD, UNITED STATES  
Laird, Michael, Germantown, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S.  
corporation)  
PI US 2003175208 A1 20030918  
AI US 2002-270487 A1 20021016 (10)  
RLI Continuation-in-part of Ser. No. US 2001-929493, filed on 15 Aug 2001,  
PENDING Continuation-in-part of Ser. No. US 2000-588947, filed on 8 Jun  
2000, ABANDONED Continuation-in-part of Ser. No. US 2000-589285, filed  
on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589286,  
filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US  
2000-589287, filed on 8 Jun 2000, GRANTED, Pat. No. US 6403770  
Continuation-in-part of Ser. No. US 2000-589288, filed on 8 Jun 2000,  
PENDING Continuation-in-part of Ser. No. US 2000-507968, filed on 22 Feb  
2000, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on  
23 Feb 1999, PENDING Continuation-in-part of Ser. No. US 2000-588947,  
filed on 8 Jun 2000, ABANDONED Continuation-in-part of Ser. No. US  
2000-589285, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser.  
No. US 2000-589286, filed on 8 Jun 2000, PENDING Continuation-in-part of  
Ser. No. US 2000-589288, filed on 8 Jun 2000, PENDING  
Continuation-in-part of Ser. No. US 2000-507968, filed on 22 Feb 2000,  
PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb  
1999, PENDING Continuation-in-part of Ser. No. US 1998-5874, filed on 12  
Jan 1998, PENDING Continuation-in-part of Ser. No. WO 1996-US17957,  
filed on 25 Oct 1996, PENDING Continuation-in-part of Ser. No. US  
1999-255794, filed on 23 Feb 1999, PENDING Continuation-in-part of Ser.  
No. US 1998-5874, filed on 12 Jan 1998, PENDING  
PRAI US 2001-329508P 20011017 (60)

US	2001-330835P	20011031	(60)
US	2001-331478P	20011116	(60)
US	2001-336726P	20011207	(60)
US	2002-368548P	20020401	(60)
US	2000-225628P	20000815	(60)
US	2000-227008P	20000823	(60)
US	2000-234338P	20000922	(60)
US	2000-240806P	20001017	(60)
US	2000-250020P	20001130	(60)
US	2001-276248P	20010316	(60)
US	2001-293499P	20010525	(60)
US	2001-296122P	20010607	(60)
US	2001-304809P	20010713	(60)
US	1999-122388P	19990302	(60)
US	1999-124097P	19990312	(60)
US	1999-126599P	19990326	(60)
US	1999-127598P	19990402	(60)
US	1999-130412P	19990416	(60)
US	1999-130696P	19990423	(60)
US	1999-131278P	19990427	(60)
US	1999-131673P	19990429	(60)
US	1999-136784P	19990528	(60)
US	1999-142659P	19990706	(60)
US	1999-145824P	19990727	(60)
US	1999-167239P	19991124	(60)
US	1999-168624P	19991203	(60)
US	1999-171108P	19991216	(60)
US	1999-171626P	19991223	(60)
US	2000-176015P	20000114	(60)
US	1999-122388P	19990302	(60)
US	1999-124097P	19990312	(60)
US	1999-126599P	19990326	(60)
US	1999-127598P	19990402	(60)
US	1999-130412P	19990416	(60)
US	1999-130696P	19990423	(60)
US	1999-131278P	19990427	(60)
US	1999-131673P	19990429	(60)
US	1999-136784P	19990528	(60)
US	1999-142659P	19990706	(60)
US	1999-145824P	19990727	(60)
US	1999-167239P	19991124	(60)
US	1999-168624P	19991203	(60)
US	1999-171108P	19991216	(60)
US	1999-171626P	19991223	(60)
US	2000-176015P	20000114	(60)
US	1997-36100P	19970114	(60)

DT Utility  
FS APPLICATION  
LN.CNT 18884

INCL INCLM: 424/001.490  
INCLS: 424/001.690

NCL NCLM: 424/001.490  
NCLS: 424/001.690

IC [7]  
ICM: A61K051-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 12 OF 102 USPATFULL on STN

AN 2003:245133 USPATFULL

TI Adipocyte-specific protein homologs

IN Sheppard, Paul O., Redmond, WA, UNITED STATES

Humes, Jacqueline M., Seattle, WA, UNITED STATES

PA ZymoGenetics, Inc. (U.S. corporation)

PI US 2003171547 A1 20030911

AI US 2002-197293 A1 20020716 (10)

RLI Continuation of Ser. No. US 2000-686838, filed on 10 Oct 2000, GRANTED,  
Pat. No. US 6482612 Division of Ser. No. US 1998-140804, filed on 26 Aug  
1998, GRANTED, Pat. No. US 6197930

PRAI US 1997-56983P 19970826 (60)

DT Utility  
FS APPLICATION

LN.CNT 3818

INCL INCLM: 530/350.000  
INCLS: 536/023.500; 435/069.100; 435/320.100; 435/325.000

NCL NCLM: 530/350.000

IC [7]  
ICM: C12P021-02  
ICS: C07K014-705; C12N005-06; C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 13 OF 102 USPATFULL on STN  
AN 2003:243804 USPATFULL  
TI METHODS AND COMPOSITIONS FOR ENHANCING COGNITIVE FUNCTION USING  
MORPHOGENIC PROTEINS  
IN CHARETTE, MARC F., NEEDHAM, MA, UNITED STATES  
PI US 2003170213 A1 20030911  
AI US 1998-12846 A1 19980123 (9)  
DT Utility  
FS APPLICATION  
LN.CNT 2687  
INCL INCLM: 424/093.210  
INCLS: 514/012.000; 514/044.000  
NCL NCLM: 424/093.210  
NCLS: 514/012.000; 514/044.000  
IC [7]  
ICM: A61K048-00  
ICS: A61K038-17  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 14 OF 102 USPATFULL on STN  
AN 2003:243794 USPATFULL  
TI Death domain containing receptors  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Gentz, Reiner L., Belo Horizonte, BRAZIL  
Dillon, Patrick J., Carlsbad, CA, UNITED STATES  
PA Human Genome Sciences, Inc. (U.S. corporation)  
PI US 2003170203 A1 20030911  
AI US 2002-189189 A1 20020705 (10)  
RLI Continuation-in-part of Ser. No. US 2000-557908, filed on 21 Apr 2000,  
PENDING Continuation-in-part of Ser. No. US 1997-815469, filed on 11 Mar  
1997, GRANTED, Pat. No. US 6153402  
PRAI US 2001-314314P 20010824 (60)  
US 2001-303155P 20010706 (60)  
US 1999-136741P 19990528 (60)  
US 1999-130488P 19990422 (60)  
US 1997-37341P 19970206 (60)  
US 1996-28711P 19961017 (60)  
US 1996-13285P 19960312 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 9858  
INCL INCLM: 424/085.100  
INCLS: 424/145.100; 514/210.090; 514/011.000  
NCL NCLM: 424/085.100  
NCLS: 424/145.100; 514/210.090; 514/011.000  
IC [7]  
ICM: A61K039-395  
ICS: A61K031-407; A61K038-19; A61K038-13  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 15 OF 102 USPATFULL on STN  
AN 2003:238706 USPATFULL  
TI Human \*\*\*\*tumor\*\*\*\* necrosis factor delta and epsilon  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Gentz, Reiner, Belo Horizonte-Mg, BRAZIL  
PI US 2003166864 A1 20030904  
AI US 2002-268951 A1 20021011 (10)  
RLI Continuation-in-part of Ser. No. US 2001-879919, filed on 14 Jun 2001,  
PENDING Continuation-in-part of Ser. No. US 1997-815783, filed on 12 Mar  
1997, GRANTED, Pat. No. US 6509170 Continuation-in-part of Ser. No. US  
1997-815783, filed on 12 Mar 1997, GRANTED, Pat. No. US 6509170  
Continuation-in-part of Ser. No. US 2002-82260, filed on 26 Feb 2002,  
GRANTED, Pat. No. US 6506882 Division of Ser. No. US 1997-815783, filed  
on 12 Mar 1997, GRANTED, Pat. No. US 6509170  
PRAI US 2001-328401P 20011012 (60)  
US 2000-211537P 20000615 (60)  
US 2000-241952P 20001023 (60)  
US 2000-254875P 20001213 (60)

US 2001-276248P 20010316 (60)  
US 2001-293499P 20010525 (60)  
US 1996-16812P 19960314 (60)  
US 1996-16812P 19960314 (60)  
US 1996-16812P 19960314 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 14873  
INCL INCLM: 530/351.000  
INCLS: 435/069.500; 435/320.100; 435/325.000; 536/023.500; 424/085.100;  
424/450.000  
NCL NCLM: 530/351.000  
NCLS: 435/069.500; 435/320.100; 435/325.000; 536/023.500; 424/085.100;  
424/450.000  
IC [7]  
ICM: C07K014-525  
ICS: C07H021-04; C12P021-02; A61K038-19; A61K009-127  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 16 OF 102 USPATFULL on STN  
AN 2003:238445 USPATFULL  
TI Methods and compositions for the diagnosis and treatment of cancer  
IN Clayman, Gary L., Houston, TX, UNITED STATES  
PA Board of Regents, The University of Texas System (U.S. corporation)  
PI US 2003166603 A1 20030904  
AI US 2003-395864 A1 20030324 (10)  
RLI Division of Ser. No. US 2001-968958, filed on 1 Oct 2001, PENDING  
Continuation of Ser. No. US 1996-758033, filed on 27 Nov 1996, PENDING  
PRAI US 1995-7810P 19951130 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3407  
INCL INCLM: 514/044.000  
INCLS: 424/093.200; 435/456.000  
NCL NCLM: 514/044.000  
NCLS: 424/093.200; 435/456.000  
IC [7]  
ICM: A61K048-00  
ICS: C12N015-861; C12N015-867  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 17 OF 102 USPATFULL on STN  
AN 2003:237777 USPATFULL  
TI Methods and compositions in checkpoint signaling  
IN Elledge, Stephen J., Houston, TX, UNITED STATES  
Cortez, David K., Houston, TX, UNITED STATES  
Zou, Lee, Houston, TX, UNITED STATES  
PA Baylor College of Medicine (U.S. corporation)  
PI US 2003165934 A1 20030904  
AI US 2002-300453 A1 20021120 (10)  
PRAI US 2001-331821P 20011120 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 7150  
INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/199.000; 435/320.100; 435/325.000; 536/023.200;  
424/094.610  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/199.000; 435/320.100; 435/325.000; 536/023.200;  
424/094.610  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; A61K038-47; C12N009-22; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 18 OF 102 USPATFULL on STN  
AN 2003:225271 USPATFULL  
TI Methods and compositions for treating cancer using 140, 1470, 1686,  
2089, 2427, 3702, 5891, 6428, 7181, 7660, 25641, 69583, 49863, 8897,  
1682, 17667, 9235, 3703, 14171, 10359, 1660, 1450, 18894, 2088, 32427,  
2160, 9252, 9389, 1642, 85269, 10297, 1584, 9525, 14124, 4469, 8990,  
2100, 9288, 64698, 10480, 20893, 33230, 1586, 9943, 16334, 68862, 9011,  
14031, 6178, 21225, 1420, 32236, 2099, 2150, 26583, 2784, 8941, 9811,  
27444, 50566 or 66428 molecules  
IN Hunter, John Joseph, Somerville, MA, UNITED STATES

Tsai, Fong-Ying, Newton, MA, UNITED STATES  
 Lesoon, Andrea, Concord, MA, UNITED STATES  
 Lightcap, Eric S., Natick, MA, UNITED STATES  
 Williamson, Mark J., Saugus, MA, UNITED STATES  
 Rudolph-Owen, Laura A., Medford, MA, UNITED STATES  
 PA Millennium Pharmaceuticals, Inc. (U.S. corporation)  
 PI US 2003157082 A1 20030821  
 AI US 2003-354358 A1 20030130 (10)  
 PRAI US 2002-353600P 20020131 (60)  
 US 2002-364517P 20020315 (60)  
 US 2002-371075P 20020409 (60)  
 US 2002-371507P 20020410 (60)  
 US 2002-372984P 20020416 (60)  
 US 2002-374194P 20020419 (60)  
 US 2002-382995P 20020524 (60)  
 US 2002-385023P 20020531 (60)  
 US 2002-388853P 20020614 (60)  
 US 2002-389395P 20020617 (60)  
 US 2002-391324P 20020625 (60)  
 US 2002-395944P 20020715 (60)  
 US 2002-397726P 20020722 (60)  
 US 2002-403046P 20020813 (60)  
 US 2002-405155P 20020822 (60)  
 US 2002-406361P 20020827 (60)  
 US 2002-421195P 20021025 (60)  
 US 2002-425456P 20021112 (60)  
 US 2002-427626P 20021119 (60)  
 US 2002-432122P 20021210 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 8639  
 INCL INCLM: 424/094.100  
 INCLS: 514/044.000; 435/006.000  
 NCL NCLM: 424/094.100  
 NCLS: 514/044.000; 435/006.000  
 IC [7]  
 ICM: C12Q001-68  
 ICS: A61K048-00; A61K038-43  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 L7 ANSWER 19 OF 102 USPATFULL on STN  
 AN 2003:220208 USPATFULL  
 TI Human \*\*\*tumor\*\*\* necrosis factor receptor-like proteins TR11,  
 TR11SV1, and TR11SV2  
 IN Ni, Jian, Germantown, MD, UNITED STATES  
 Ruben, Steven M., Brookeville, MD, UNITED STATES  
 PA Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)  
 PI US 2003153499 A1 20030814  
 AI US 2002-277966 A1 20021023 (10)  
 RLI Division of Ser. No. US 2000-512363, filed on 23 Feb 2000, GRANTED, Pat.  
 No. US 6503184 Division of Ser. No. US 1998-176200, filed on 21 Oct  
 1998, PENDING  
 PRAI US 1999-121648P 19990224 (60)  
 US 1999-134172P 19990513 (60)  
 US 1999-144076P 19990716 (60)  
 US 1997-63212P 19971021 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 11222  
 INCL INCLM: 514/012.000  
 INCLS: 530/350.000; 536/023.500; 435/069.100; 435/320.100; 435/325.000  
 NCL NCLM: 514/012.000  
 NCLS: 530/350.000; 536/023.500; 435/069.100; 435/320.100; 435/325.000  
 IC [7]  
 ICM: A61K038-17  
 ICS: C07K014-715; C12P021-02; C12N005-06; C07H021-04  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 L7 ANSWER 20 OF 102 USPATFULL on STN  
 AN 2003:219659 USPATFULL  
 TI Phosphatases  
 IN Bandman, Olga, Mountain View, CA, UNITED STATES  
 Tang, Y. Tom, San Jose, CA, UNITED STATES  
 Azimzai, Yalda, Castro Valley, CA, UNITED STATES  
 Yue, Henry, Sunnyvale, CA, UNITED STATES



Hillman, Jennifer L., Mountain View, CA, UNITED STATES  
Lal, Preeti, Santa Clara, CA, UNITED STATES  
Wang, Eureka, San Jose, CA, UNITED STATES  
Gandhi, Ameena R., Menlo Park, CA, UNITED STATES  
Policky, Jennifer L., San Jose, CA, UNITED STATES  
Mathur, Preete, Fremont, CA, UNITED STATES

PI US 2003152949 A1 20030814  
AI US 2002-181590 A1 20020719 (10)  
WO 2001-US2088 20010118  
DT Utility  
FS APPLICATION  
LN.CNT 5016  
INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/196.000; 435/320.100; 435/325.000; 800/008.000;  
435/252.300; 536/023.200  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/196.000; 435/320.100; 435/325.000; 800/008.000;  
435/252.300; 536/023.200  
IC [7]  
ICM: C12Q001-68  
ICS: A01K067-00; C07H021-04; C12N009-16; C12P021-02; C12N005-06;  
C12N001-21

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 21 OF 102 USPATFULL on STN  
AN 2003:215352 USPATFULL  
TI Diagnostics and therapeutics for arterial wall disruptive disorders  
IN Hageman, Gregory S., Coralville, IA, UNITED STATES  
PI US 2003149997 A1 20030807  
AI US 2000-511008 A1 20000222 (9)  
PRAI US 1999-120822P 19990219 (60)  
US 1999-120668P 19990219 (60)  
US 1999-123052P 19990305 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 6580  
INCL INCLM: 800/008.000  
INCLS: 435/006.000; 800/009.000; 435/007.100  
NCL NCLM: 800/008.000  
NCLS: 435/006.000; 800/009.000; 435/007.100  
IC [7]  
ICM: A01K067-00  
ICS: C12Q001-68; G01N033-53

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 22 OF 102 USPATFULL on STN  
AN 2003:201358 USPATFULL  
TI Antitumor activity of Bok  
IN Hung, Mien-Chie, Houston, TX, UNITED STATES  
Zou, Yiyu, Houston, TX, UNITED STATES  
Kwong, Ka Yin, Rockville, MD, UNITED STATES  
Bartholomeusz, Geoffrey, Houston, TX, UNITED STATES  
PI US 2003139344 A1 20030724  
AI US 2002-299514 A1 20021119 (10)  
PRAI US 2001-331699P 20011119 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 4701  
INCL INCLM: 514/012.000  
INCLS: 514/044.000; 435/455.000; 435/456.000; 435/458.000; 424/093.200;  
424/450.000  
NCL NCLM: 514/012.000  
NCLS: 514/044.000; 435/455.000; 435/456.000; 435/458.000; 424/093.200;  
424/450.000  
IC [7]  
ICM: A61K048-00  
ICS: A61K009-127; C12N015-86; C12N015-88; A61K038-17

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 23 OF 102 USPATFULL on STN  
AN 2003:200443 USPATFULL  
TI Human \*\*\*\*tumor\*\*\*\* necrosis factor receptor-like proteins TR11,  
TR11SV1, and TR11SV2  
IN Ni, Jian, Germantown, MD, UNITED STATES  
Ruben, Steven M., Brookville, MD, UNITED STATES

corporation)  
 PI US 2003138426 A1 20030724  
 AI US 2002-283105 A1 20021030 (10)  
 RLI Continuation-in-part of Ser. No. US 2001-915593, filed on 27 Jul 2001,  
 PENDING Continuation-in-part of Ser. No. US 2000-512363, filed on 23 Feb  
 2000, GRANTED, Pat. No. US 6503184 Continuation-in-part of Ser. No. US  
 1998-176200, filed on 21 Oct 1998, GRANTED, Pat. No. US 6509173  
 PRAI US 2001-330757P 20011030 (60)  
 US 2000-221577P 20000728 (60)  
 US 1999-144076P 19990716 (60)  
 US 1999-134172P 19990513 (60)  
 US 1999-121648P 19990224 (60)  
 US 1997-63212P 19971021 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 12581  
 INCL INCLM: 424/146.100  
 INCLS: 435/007.200; 530/388.260  
 NCL NCLM: 424/146.100  
 NCLS: 435/007.200; 530/388.260  
 IC [7]  
 ICM: A61K039-395  
 ICS: G01N033-53; G01N033-567; C07K016-40  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 24 OF 102 USPATFULL on STN  
 AN 2003:187403 USPATFULL  
 TI \*\*\*Tumor\*\*\* necrosis factor-gamma  
 IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
 Ni, Jian, Germantown, MD, UNITED STATES  
 Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Zhang, Jun, San Diego, CA, UNITED STATES  
 PI US 2003129189 A1 20030710  
 AI US 2002-226294 A1 20020823 (10)  
 RLI Continuation-in-part of Ser. No. US 2001-899059, filed on 6 Jul 2001,  
 PENDING Continuation-in-part of Ser. No. US 2000-559290, filed on 27 Apr  
 2000, ABANDONED Continuation-in-part of Ser. No. US 1999-246129, filed  
 on 8 Feb 1999, PENDING Continuation-in-part of Ser. No. US 1998-131237,  
 filed on 7 Aug 1998, PENDING Continuation-in-part of Ser. No. US  
 1998-5020, filed on 9 Jan 1998, ABANDONED Continuation-in-part of Ser.  
 No. US 1995-461246, filed on 5 Jun 1995, ABANDONED Continuation-in-part  
 of Ser. No. WO 1994-US12880, filed on 7 Nov 1994, PENDING  
 PRAI US 2001-314381P 20010824 (60)  
 US 2001-278449P 20010326 (60)  
 US 2000-216879P 20000707 (60)  
 US 2000-180908P 20000208 (60)  
 US 1999-134067P 19990513 (60)  
 US 1999-132227P 19990503 (60)  
 US 1999-131963P 19990430 (60)  
 US 1998-74047P 19980209 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 13325  
 INCL INCLM: 424/145.100  
 NCL NCLM: 424/145.100  
 IC [7]  
 ICM: A61K039-395  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 25 OF 102 USPATFULL on STN  
 AN 2003:172702 USPATFULL  
 TI Antibodies to \*\*\*tumor\*\*\* necrosis factor 5  
 IN Wei, Ying-Fei, Berkeley, CA, UNITED STATES  
 Ni, Jian, Rockville, MD, UNITED STATES  
 Gentz, Reiner L., Rockville, MD, UNITED STATES  
 Ruben, Steven M., Olney, MD, UNITED STATES  
 PA Human Genome Sciences, Inc. (U.S. corporation)  
 PI US 2003118546 A1 20030626  
 AI US 2002-186643 A1 20020702 (10)  
 RLI Division of Ser. No. US 2000-573986, filed on 18 May 2000, GRANTED, Pat.  
 No. US 6455040 Division of Ser. No. US 1998-6353, filed on 13 Jan 1998,  
 GRANTED, Pat. No. US 6261801  
 PRAI US 1999-135164P 19990520 (60)  
 US 1997-54885P 19970807 (60)  
 US 1997-35496P 19970114 (60)

FS APPLICATION

LN.CNT 9588

INCL INCLM: 424/085.100

INCL INCLS: 424/146.100

NCL NCLM: 424/085.100

NCL NCLS: 424/146.100

IC [7]

ICM: A61K039-395

ICS: A61K038-19

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 26 OF 102 USPATFULL on STN

AN 2003:166515 USPATFULL

TI Polynucleotide encoding a novel cysteine protease of the calpain superfamily, CAN-12, and variants thereof

IN Chen, Jian, Princeton, NJ, UNITED STATES

Feder, John N., Belle Mead, NJ, UNITED STATES

Nelson, Thomas C., Lawrenceville, NJ, UNITED STATES

Seiler, Steven, Pennington, NJ, UNITED STATES

Vaz, Roy J., North Branch, NJ, UNITED STATES

Duclos, Franck, Washington Crossing, PA, UNITED STATES

PI US 2003114373 A1 20030619

AI US 2002-116519 A1 20020403 (10)

PRAI US 2001-281253P 20010403 (60)

US 2001-288768P 20010504 (60)

US 2001-296180P 20010606 (60)

US 2001-300620P 20010625 (60)

DT Utility

FS APPLICATION

LN.CNT 30149

INCL INCLM: 514/012.000

INCL INCLS: 536/023.200; 530/350.000; 435/069.100; 435/325.000; 435/320.100

NCL NCLM: 514/012.000

NCL INCLS: 536/023.200; 530/350.000; 435/069.100; 435/325.000; 435/320.100

IC [7]

ICM: A61K038-17

ICS: C12P021-02; C12N005-06; C07H021-04; C07K014-435

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 27 OF 102 USPATFULL on STN

AN 2003:166040 USPATFULL

TI Purified antigen for Alzheimer's disease and methods of obtaining and using same

IN Zinkowski, Raymond P., Northbrook, IL, UNITED STATES

Kerkman, Daniel J., Lake Villa, IL, UNITED STATES

Kohnken, Russell E., Skokie, IL, UNITED STATES

DeBernardis, John F., Lindenhurst, IL, UNITED STATES

Davies, Peter, Rye, NY, UNITED STATES

PI US 2003113896 A1 20030619

AI US 2001-17822 A1 20011212 (10)

RLI Continuation of Ser. No. US 1999-334582, filed on 16 Jun 1999, ABANDONED

DT Utility

FS APPLICATION

LN.CNT 1698

INCL INCLM: 435/226.000

INCL INCLS: 530/350.000

NCL NCLM: 435/226.000

NCL INCLS: 530/350.000

IC [7]

ICM: C12N009-64

ICS: C07K014-435

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 28 OF 102 USPATFULL on STN

AN 2003:158903 USPATFULL

TI Death domain containing receptor 4

IN Ni, Jian, Rockville, MD, UNITED STATES

Rosen, Craig A., Laytonsville, MD, UNITED STATES

Pan, James G., Belmont, CA, UNITED STATES

Gentz, Reiner L., Rockville, MD, UNITED STATES

Dixit, Vishva M., Los Altos Hills, CA, UNITED STATES

Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)

PI US 2003108516 A1 20030612

AI US 2002-175902 A1 20020621 (10)

RLI Division of Ser. No. US 2000-565918, filed on 5 May 2000, GRANTED, Pat.

GRANTED, Pat. No. US 6342363  
PRAI US 1999-132922P 19990506 (60)  
US 1997-37829P 19970205 (60)  
US 1997-35722P 19970128 (60)

DT Utility  
FS APPLICATION

LN.CNT 9230

INCL INCLM: 424/085.100  
INCLS: 424/155.100; 514/012.000

NCL NCLM: 424/085.100  
NCLS: 424/155.100; 514/012.000

IC [7]  
ICM: A61K039-395  
ICS: A61K038-19; A61K038-17

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 29 OF 102 USPATFULL on STN

AN 2003:141378 USPATFULL

TI System and methods for optimized drug delivery and progression of  
diseased and normal cells

IN Agur, Zvia, Tel Aviv, ISRAEL  
Fleishmann, Sarel, Nes-Ziona, ISRAEL  
Skomorovski, Kirill, Rehovot, ISRAEL  
Vardi, Moshe, Rehovot, ISRAEL

PA OPTIMATA (non-U.S. corporation)

PI US 2003097220 A1 20030522

AI US 2002-192001 A1 20020710 (10)

RLI Division of Ser. No. US 2000-691053, filed on 19 Oct 2000, PENDING

DT Utility  
FS APPLICATION

LN.CNT 6089

INCL INCLM: 702/019.000  
INCLS: 702/021.000; 600/300.000

NCL NCLM: 702/019.000  
NCLS: 702/021.000; 600/300.000

IC [7]  
ICM: G06F019-00  
ICS: G01N033-48; G01N033-50; A61B005-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 30 OF 102 USPATFULL on STN

AN 2003:141217 USPATFULL

TI Magnetic resonance spectroscopy to identify and classify microorganisms

IN Sorrell, Tania C., Riverview, AUSTRALIA  
Mountford, Carolyn E., East Ryde, AUSTRALIA  
Himmelreich, Uwe, Mays Hill, AUSTRALIA  
Bourne, Roger, Marrickville, AUSTRALIA  
Somorjai, Rajmund L., Headingly, CANADA

PI US 2003097059 A1 20030522

AI US 2002-81838 A1 20020221 (10)

PRAI US 2001-270367P 20010221 (60)

DT Utility  
FS APPLICATION

LN.CNT 1994

INCL INCLM: 600/420.000

NCL NCLM: 600/420.000

IC [7]  
ICM: A61B005-05

L7 ANSWER 31 OF 102 USPATFULL on STN

AN 2003:137150 USPATFULL

TI Adipocyte-specific protein homologs

IN Sheppard, Paul O., Granite Falls, WA, United States

PA ZymoGenetics, Inc., Seattle, WA, United States (U.S. corporation)

PI US 6566499 B1 20030520

AI US 2000-506852 20000217 (9)

RLI Continuation-in-part of Ser. No. US 1998-118408, filed on 17 Jul 1998,  
now patented, Pat. No. US 6265544

PRAI US 1997-53154P 19970718 (60)

DT Utility  
FS GRANTED

LN.CNT 3609

INCL INCLM: 530/350.000

INCLS: 435/069.400; 435/325.000; 435/252.300; 435/320.100; 536/023.100

NCL NCLM: 530/350.000

IC [7]  
 ICM: C07K017-00  
 ICS: C07H021-04; C12N015-09; C12N005-02; C12N001-20  
 EXF 435/69.4; 435/325; 435/252.3; 435/320.1; 530/350; 536/23.1  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 32 OF 102 USPATFULL on STN  
 AN 2003:129800 USPATFULL  
 TI Diagnostic methods using antibodies to Neutrokin- $\alpha$   
 IN Yu, Guo-Liang, Berkeley, CA, United States  
 Ebner, Reinhard, Gaithersburg, MD, United States  
 Ni, Jian, Rockville, MD, United States  
 Rosen, Craig A., Laytonsville, MD, United States  
 PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
 corporation)  
 PI US 6562579 B1 20030513  
 AI US 2000-588947 20000608 (9)  
 RLI Continuation of Ser. No. US 2000-507968, filed on 22 Feb 2000  
 Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999  
 Continuation-in-part of Ser. No. US 1998-5874, filed on 12 Jan 1998  
 Continuation-in-part of Ser. No. WO 1996-US17957, filed on 25 Oct 1996  
 PRAI US 1997-36100P 19970114 (60)  
 US 1999-122388P 19990302 (60)  
 US 1999-124097P 19990312 (60)  
 US 1999-126599P 19990326 (60)  
 US 1999-127598P 19990402 (60)  
 US 1999-130412P 19990416 (60)  
 US 1999-130696P 19990423 (60)  
 US 1999-131278P 19990427 (60)  
 US 1999-131673P 19990429 (60)  
 US 1999-136784P 19990528 (60)  
 US 1999-142659P 19990706 (60)  
 US 1999-145824P 19990727 (60)  
 US 1999-167239P 19991124 (60)  
 US 1999-168624P 19991203 (60)  
 US 1999-171108P 19991216 (60)  
 US 1999-171626P 19991223 (60)  
 US 2000-176015P 20000114 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 15469  
 INCL INCLM: 435/007.100  
 INCLS: 435/007.200; 530/350.000; 530/387.900; 530/388.100; 530/388.230;  
 530/389.100; 530/391.300  
 NCL NCLM: 435/007.100  
 NCLS: 435/007.200; 530/350.000; 530/387.900; 530/388.100; 530/388.230;  
 530/389.100; 530/391.300  
 IC [7]  
 ICM: G01N033-53  
 ICS: C07K016-24  
 EXF 435/7.1; 435/7.23; 435/7.24; 435/7.7; 530/350; 530/351; 530/387.1;  
 530/388.1; 530/388.23; 514/2; 514/4  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 33 OF 102 USPATFULL on STN  
 AN 2003:112909 USPATFULL  
 TI Methods of suppressing microglial activation and systemic inflammatory  
 responses  
 IN Laskowitz, Daniel T., Chapel Hill, NC, UNITED STATES  
 Matthew, William D., Durham, NC, UNITED STATES  
 McMillian, Michael, Rareton, NJ, UNITED STATES  
 PI US 2003077641 A1 20030424  
 AI US 2002-252120 A1 20020923 (10)  
 RLI Continuation-in-part of Ser. No. US 2001-957909, filed on 21 Sep 2001,  
 PENDING Continuation-in-part of Ser. No. US 1999-260430, filed on 1 Mar  
 1999, ABANDONED  
 PRAI US 1998-77551P 19980311 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 3107  
 INCL INCLM: 435/006.000  
 INCLS: 514/013.000; 435/235.100; 435/325.000; 424/186.100  
 NCL NCLM: 435/006.000  
 NCLS: 514/013.000; 435/235.100; 435/325.000; 424/186.100  
 IC [7]

ICS: A61K038-10; C12Q001-68; A61K038-00; C12N007-00; C12N007-01;  
C12N005-00; C12N005-02; A61K039-12  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 34 OF 102 USPATFULL on STN  
AN 2003:105847 USPATFULL  
TI BMPR1A involvement in juvenile polyposis  
IN Howe, James R., Iowa City, IA, UNITED STATES  
PI US 2003072758 A1 20030417  
AI US 2002-153217 A1 20020521 (10)  
PRAI US 2001-292691P 20010521 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3823  
INCL INCLM: 424/155.100  
INCLS: 435/006.000; 435/007.230  
NCL NCLM: 424/155.100  
NCLS: 435/006.000; 435/007.230  
IC [7]  
ICM: C12Q001-68  
ICS: G01N033-574; A61K039-395  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 35 OF 102 USPATFULL on STN  
AN 2003:102125 USPATFULL  
TI Thermal preactivation of gaseous precursor filled compositions  
IN Unger, Evan C., Tucson, AZ, United States  
PA Bristol-Myers Squibb Medical Imaging, Inc., Princeton, NJ, United States  
(U.S. corporation)  
PI US 6548047 B1 20030415  
AI US 1997-929847 19970915 (8)  
DT Utility  
FS GRANTED  
LN.CNT 7034  
INCL INCLM: 424/009.510  
INCLS: 424/009.500; 424/009.520; 424/009.400; 424/450.000  
NCL NCLM: 424/009.510  
NCLS: 424/009.400; 424/009.500; 424/009.520; 424/450.000  
IC [7]  
ICM: A61B008-00  
ICS: A61K009-127  
EXF 424/9.4; 424/9.5; 424/9.51; 424/9.52; 424/450  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 36 OF 102 USPATFULL on STN  
AN 2003:86257 USPATFULL  
TI Antibodies against \*\*\*\*tumor\*\*\*\* necrosis factor delta (APRIL)  
IN Ruben, Steven M., Brookeville, MD, UNITED STATES  
PI US 2003059862 A1 20030327  
AI US 2002-151882 A1 20020522 (10)  
PRAI US 2001-293100P 20010524 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 8330  
INCL INCLM: 435/007.230  
INCLS: 530/388.230  
NCL NCLM: 435/007.230  
NCLS: 530/388.230  
IC [7]  
ICM: G01N033-574  
ICS: C07K016-24  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 37 OF 102 USPATFULL on STN  
AN 2003:78107 USPATFULL  
TI charged lipids and uses for the same  
IN Unger, Evan C., Tucson, AZ, UNITED STATES  
PA ImaRx Therapeutics, Inc. (U.S. corporation)  
PI US 2003054027 A1 20030320  
AI US 2002-46801 A1 20020115 (10)  
RLI Division of Ser. No. US 2000-540448, filed on 31 Mar 2000, GRANTED, Pat.  
No. US 6403056 Division of Ser. No. US 1997-925353, filed on 8 Sep 1997,  
GRANTED, Pat. No. US 6120751 Continuation-in-part of Ser. No. US  
1997-823791, filed on 21 Mar 1997, GRANTED, Pat. No. US 6143276  
Continuation-in-part of Ser. No. US 1997-851780, filed on 6 May 1997,

1997-877826, filed on 18 Jun 1997, PENDING Continuation-in-part of Ser.  
No. US 1997-887215, filed on 2 Jul 1997, GRANTED, Pat. No. US 6028066

DT Utility  
FS APPLICATION  
LN.CNT 5893  
INCL INCLM: 424/450.000  
NCL NCLM: 424/450.000  
IC [7]  
ICM: A61K009-127

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 38 OF 102 USPATFULL on STN  
AN 2003:71975 USPATFULL  
TI Inhibition of neurodegeneration  
IN Wands, Jack R., Waban, MA, UNITED STATES  
Monte, Suzanne M. de la, East Greenwich, RI, UNITED STATES  
PI US 2003050262 A1 20030313  
AI US 2001-872968 A1 20010601 (9)  
DT Utility  
FS APPLICATION  
LN.CNT 2030  
INCL INCLM: 514/044.000  
INCL: 435/368.000  
NCL NCLM: 514/044.000  
NCL: 435/368.000  
IC [7]  
ICM: A61K048-00  
ICS: C12N005-08

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 39 OF 102 USPATFULL on STN  
AN 2003:64272 USPATFULL  
TI Human PEA3 is a \*\*\*\*tumor\*\*\*\* suppressor for cancer cells  
IN Xing, Xiangming, Sugar Land, TX, UNITED STATES  
Hung, Mien-Chie, Houston, TX, UNITED STATES  
PA Board of Regents, The University of Texas System, Austin, TX, UNITED STATES (U.S. corporation)  
PI US 2003044392 A1 20030306  
US 6582725 B2 20030624  
AI US 2001-884363 A1 20010618 (9)  
RLI Continuation of Ser. No. US 1998-116049, filed on 15 Jul 1998, GRANTED, Pat. No. US 6248351  
DT Utility  
FS APPLICATION  
LN.CNT 2940  
INCL INCLM: 424/093.210  
INCL: 435/456.000; 435/320.100  
NCL NCLM: 424/450.000  
NCL: 424/093.100; 424/093.200; 424/093.600; 435/069.100; 435/320.100; 514/002.000; 514/044.000  
IC [7]  
ICM: A61K048-00  
ICS: C12N015-867

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 40 OF 102 USPATFULL on STN  
AN 2003:40407 USPATFULL  
TI C-CAM as an angiogenesis inhibitor  
IN Lin, Sue-Hwa, Houston, TX, United States  
Luo, Weiping, Pearland, TX, United States  
Logothetis, Christopher, Houston, TX, United States  
PA Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)  
PI US 6517828 B1 20030211  
AI US 2000-580043 20000526 (9)  
PRAI US 1999-136563P 19990528 (60)  
DT Utility  
FS GRANTED  
LN.CNT 3949  
INCL INCLM: 424/093.200  
INCL: 536/023.500; 530/350.000; 435/320.100; 514/044.000  
NCL NCLM: 424/093.200  
NCL: 435/320.100; 514/044.000; 530/350.000; 536/023.500  
IC [7]  
ICM: C12N015-79

EXF 536/23.5; 514/44; 435/320.1; 424/93.2; 530/350  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 41 OF 102 USPATFULL on STN  
AN 2003:30380 USPATFULL  
TI Dendritic enriched secreted lymphocyte activation molecule  
IN Ruben, Steven M., Olney, MD, UNITED STATES  
Young, Paul E., Gaithersburg, MD, UNITED STATES  
PI US 2003022327 A1 20030130  
AI US 2002-62523 A1 20020205 (10)  
RLI Continuation-in-part of Ser. No. WO 2000-US21130, filed on 3 Aug 2000,  
UNKNOWN Continuation-in-part of Ser. No. US 1999-369248, filed on 5 Aug  
1999, PENDING Continuation-in-part of Ser. No. WO 1999-US2415, filed on  
4 Feb 1999, UNKNOWN Continuation-in-part of Ser. No. US 1999-244110,  
filed on 4 Feb 1999, PENDING  
PRAI US 2001-267523P 20010206 (60)  
US 2000-190062P 20000317 (60)  
US 1998-73962P 19980206 (60)  
US 1998-78572P 19980319 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 12477  
INCL INCLM: 435/183.000  
INCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200  
NCL NCLM: 435/183.000  
NCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200  
IC [7]  
ICM: C12N009-00  
ICS: C07H021-04; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 42 OF 102 USPATFULL on STN  
AN 2003:6434 USPATFULL  
TI Human \*\*\*tumor\*\*\* necrosis factor receptor-like proteins TR11,  
TR11SV1 and TR11SV2  
IN Ni, Jian, Rockville, MD, United States  
Ruben, Steven M., Olney, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 6503184 B1 20030107  
AI US 2000-512363 20000223 (9)  
RLI Continuation-in-part of Ser. No. US 1998-176200, filed on 21 Oct 1998  
PRAI US 1999-121648P 19990224 (60)  
US 1999-134172P 19990513 (60)  
US 1999-144076P 19990716 (60)  
US 1997-63212P 19971021 (60)  
DT Utility  
FS GRANTED  
LN.CNT 11041  
INCL INCLM: 574/012.000  
INCLS: 514/002.000  
NCL NCLM: 514/012.000  
NCLS: 514/002.000  
IC [7]  
ICM: A61K038-00  
EXF 514/2; 514/12; 424/278.1; 424/283.1; 424/178.1; 424/184.1; 424/185.1;  
424/192.1; 424/198.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 43 OF 102 USPATFULL on STN  
AN 2003:4449 USPATFULL  
TI Apparatus and methods for volumetric \*\*\*CSF\*\*\* removal  
IN Saul, Tom A., El Granada, CA, UNITED STATES  
PA EUNOE, INC., Redwood City, CA (U.S. corporation)  
PI US 2003004495 A1 20030102  
AI US 2002-224046 A1 20020819 (10)  
RLI Continuation-in-part of Ser. No. US 2000-654967, filed on 5 Sep 2000,  
PENDING Continuation of Ser. No. US 1997-901023, filed on 25 Jul 1997,  
GRANTED, Pat. No. US 6264625 Continuation-in-part of Ser. No. US  
1996-678191, filed on 11 Jul 1996, GRANTED, Pat. No. US 5980480  
Continuation-in-part of Ser. No. US 2002-138082, filed on 3 May 2002,  
PENDING Continuation of Ser. No. US 1998-189037, filed on 10 Nov 1998,  
GRANTED, Pat. No. US 6383159  
DT Utility  
FS APPLICATION



INCL INCLM: 604/540.000  
INCLS: 604/500.000; 604/009.000  
NCL NCLM: 604/540.000  
NCLS: 604/500.000; 604/009.000  
IC [7]  
ICM: A61M001-00

L7 ANSWER 44 OF 102 USPATFULL on STN  
AN 2003:4068 USPATFULL  
TI Method of preventing cell death using segments of neural thread proteins  
IN Averback, Paul A., Beaconsfield, CANADA  
PI US 2003004107 A1 20030102  
AI US 2002-146130 A1 20020516 (10)  
PRAI US 2001-290971P 20010516 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1698  
INCL INCLM: 514/012.000  
INCLS: 514/013.000; 514/014.000; 514/015.000; 514/016.000  
NCL NCLM: 514/012.000  
NCLS: 514/013.000; 514/014.000; 514/015.000; 514/016.000  
IC [7]  
ICM: A61K038-17  
ICS: A61K038-10; A61K038-08  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 45 OF 102 USPATFULL on STN  
AN 2002:337940 USPATFULL  
TI Cytokine receptor common gamma chain like  
IN Ruben, Steven M., Olney, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Moore, Paul A., Germantown, MD, UNITED STATES  
PI US 2002193305 A1 20021219  
AI US 2002-78059 A1 20020220 (10)  
RLI Continuation-in-part of Ser. No. WO 2000-US22493, filed on 17 Aug 2000,  
UNKNOWN Continuation-in-part of Ser. No. US 1999-376430, filed on 18 Aug  
1999, PENDING Continuation-in-part of Ser. No. WO 1999-US5068, filed on  
5 Mar 1999, UNKNOWN Continuation-in-part of Ser. No. US 1999-263626,  
filed on 5 Mar 1999, PENDING  
PRAI US 2001-269876P 20010221 (60)  
US 1998-78563P 19980319 (60)  
US 1998-86505P 19980522 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13770  
INCL INCLM: 514/012.000  
INCLS: 530/350.000; 536/023.500; 435/069.100; 435/325.000; 435/320.100  
NCL NCLM: 514/012.000  
NCLS: 530/350.000; 536/023.500; 435/069.100; 435/325.000; 435/320.100  
IC [7]  
ICM: A61K038-17  
ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-715  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 46 OF 102 USPATFULL on STN  
AN 2002:329846 USPATFULL  
TI Neutrokin-alpha binding proteins and methods based thereon  
IN Ruben, Steven M., Olney, MD, UNITED STATES  
Ullrich, Stephen, Rockville, MD, UNITED STATES  
Baker, Kevin, Darnestown, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.  
corporation)  
PI US 2002187526 A1 20021212  
AI US 2002-84971 A1 20020301 (10)  
RLI Continuation of Ser. No. US 2000-533822, filed on 24 Mar 2000, PENDING  
PRAI US 1999-126599P 19990326 (60)  
US 2000-188208P 20000310 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13242  
INCL INCLM: 435/069.500  
INCLS: 435/320.100; 435/325.000; 536/023.500; 530/351.000  
NCL NCLM: 435/069.500  
NCLS: 435/320.100; 435/325.000; 536/023.500; 530/351.000  
IC [7]

ICS: C07H021-04; C07K014-52; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 47 OF 102 USPATFULL on STN  
AN 2002:329484 USPATFULL  
TI Viral vectors and their use in therapeutic methods  
IN Johnson, Paul, Vancouver, CANADA  
Martuza, Robert L., Cambridge, MA, UNITED STATES  
Rabkin, Samuel D., Lynn, MA, UNITED STATES  
Todo, Tomoki, Belmont, MA, UNITED STATES  
PI US 2002187163 A1 20021212  
AI US 2002-107036 A1 20020327 (10)  
PRAI US 2001-279069P 20010327 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 988  
INCL INCLM: 424/205.100  
INCLS: 424/229.100; 435/069.100; 424/199.100  
NCL NCLM: 424/205.100  
NCLS: 424/229.100; 435/069.100; 424/199.100  
IC [7]  
ICM: C12P021-06  
ICS: A61K039-12; A61K039-245; A61K039-255; A61K039-265; A61K039-27  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 48 OF 102 USPATFULL on STN  
AN 2002:303864 USPATFULL  
TI Adipocyte-specific protein homologs  
IN Sheppard, Paul O., Redmond, WA, United States  
Humes, Jacqueline M., Seattle, WA, United States  
PA ZymoGenetics, Inc., Seattle, WA, United States (U.S. corporation)  
PI US 6482612 B1 20021119  
AI US 2000-686838 20001010 (9)  
RLI Division of Ser. No. US 1998-140804, filed on 26 Aug 1998, now patented,  
Pat. No. US 6197930  
PRAI US 1997-56983P 19970826 (60)  
DT Utility  
FS GRANTED  
LN.CNT 3491  
INCL INCLM: 435/069.100  
INCLS: 435/006.000; 435/007.200; 435/007.210; 435/252.300; 435/320.100;  
530/350.000; 536/023.500; 436/501.000; 514/002.000  
NCL NCLM: 435/069.100  
NCLS: 435/006.000; 435/007.200; 435/007.210; 435/252.300; 435/320.100;  
436/501.000; 514/002.000; 530/350.000; 536/023.500  
IC [7]  
ICM: C07H021-04  
ICS: C12P021-06; C07K001-00; G01N033-566; A61K038-00  
EXF 435/6; 435/7.2; 435/7.21; 435/69.1; 435/252.3; 435/320.1; 435/325;  
435/254.11; 530/350; 536/23.5; 536/23.1; 436/501; 514/2  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 49 OF 102 USPATFULL on STN  
AN 2002:301185 USPATFULL  
TI Human endokine alpha and methods of use  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ni, Jian, Rockville, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
PA Human Genome Sciences, Inc. (U.S. corporation)  
PI US 2002168729 A1 20021114  
AI US 2002-136511 A1 20020502 (10)  
RLI Division of Ser. No. US 2000-513584, filed on 25 Feb 2000, GRANTED, Pat.  
No. US 6406867 Division of Ser. No. US 1999-345790, filed on 1 Jul 1999,  
PENDING Division of Ser. No. US 1997-912227, filed on 15 Aug 1997,  
GRANTED, Pat. No. US 5998171  
PRAI US 1999-136788P 19990528 (60)  
US 1999-122099P 19990226 (60)  
US 1996-24058P 19960816 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 9011  
INCL INCLM: 435/069.500  
INCLS: 435/320.100; 435/325.000; 530/351.000; 536/023.500  
NCL NCLM: 435/069.500  
NCLS: 435/320.100; 435/325.000; 530/351.000; 536/023.500

ICM: C07K014-525  
ICS: C07H021-04; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 50 OF 102 USPATFULL on STN  
AN 2002:300816 USPATFULL  
TI Human \*\*\*tumor\*\*\* necrosis factor receptor TR9  
IN Ni, Jian, Germantown, MD, UNITED STATES  
Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Fan, Ping, Potomac, MD, UNITED STATES  
Gentz, Reiner L., Rockville, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)  
PI US 2002168359 A1 20021114  
AI US 2002-41574 A1 20020110 (10)  
RLI Division of Ser. No. US 2000-527236, filed on 16 Mar 2000, PATENTED  
Continuation-in-part of Ser. No. US 1998-95094, filed on 10 Jun 1998, PENDING  
PRAI US 1999-134220P 19990514 (60)  
US 1999-126019P 19990324 (60)  
US 1997-52991P 19970611 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 9755  
INCL INCLM: 424/139.100  
INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.200  
NCL NCLM: 424/139.100  
NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.200  
IC [7]  
ICM: A61K039-395  
ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-715  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 51 OF 102 USPATFULL on STN  
AN 2002:287094 USPATFULL  
TI Novel acoustically active drug delivery systems  
IN Unger, Evan C., Tucson, AZ, UNITED STATES  
PI US 2002159952 A1 20021031  
AI US 2002-84855 A1 20020227 (10)  
RLI Division of Ser. No. US 1998-75343, filed on 11 May 1998, PENDING  
PRAI US 1997-46379P 19970513 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 5458  
INCL INCLM: 424/009.510  
INCLS: 424/009.520  
NCL NCLM: 424/009.510  
NCLS: 424/009.520  
IC [7]  
ICM: A61K049-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 52 OF 102 USPATFULL on STN  
AN 2002:283360 USPATFULL  
TI Keratinocyte derived interferon  
IN LaFleur, David W., Washington, DC, United States  
Moore, Paul A., Germantown, MD, United States  
Ruben, Steven M., Olney, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)  
PI US 6472512 B1 20021029  
US 2002187950 A1 20021212  
AI US 2001-908594 20010720 (9)  
RLI Continuation-in-part of Ser. No. US 2000-487792, filed on 20 Jan 2000  
Continuation-in-part of Ser. No. WO 2000-US1239, filed on 20 Jan 2000  
Continuation-in-part of Ser. No. US 1999-358587, filed on 21 Jul 1999  
Continuation-in-part of Ser. No. WO 1999-US16424, filed on 21 Jul 1999  
Continuation-in-part of Ser. No. US 2001-358587, filed on 24 May 2001, now abandoned  
Continuation-in-part of ser. No. WO 1998-US9916424, filed on 21 Jul 1998, now abandoned  
PRAI US 2001-292934P 20010524 (60)  
US 2000-219621P 20000721 (60)  
US 1998-93643P 19980721 (60)  
DT Utility  
FS GRANTED

INCL INCLM: 530/388.200  
INCLS: 530/388.150; 530/389.200; 530/391.300; 435/007.920; 435/331.000;  
435/335.000  
NCL NCLM: 530/388.200  
NCLS: 435/007.920; 435/331.000; 435/335.000; 530/388.150; 530/389.200;  
530/391.300  
IC [7]  
ICM: C07K016-00  
ICS: C07K016-24; C12P021-08; G01N033-53  
EXF 530/388.15; 530/388.2; 530/389.2; 530/391.3; 435/331; 435/335; 435/7.92  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 53 OF 102 USPATFULL on STN  
AN 2002:280793 USPATFULL  
TI Adipocyte-specific protein homologs  
IN Sheppard, Paul O., Redmond, WA, UNITED STATES  
PA ZymoGenetics, Inc. (U.S. corporation)  
PI US 2002156243 A1 20021024  
US 6518403 B2 20030211  
AI US 2001-911176 A1 20010723 (9)  
RLI Division of Ser. No. US 1998-118408, filed on 17 Jul 1998, GRANTED, Pat.  
No. US 6265544  
PRAI US 1997-53154P 19970718 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3492  
INCL INCLM: 530/356.000  
INCLS: 435/183.000; 530/395.000  
NCL NCLM: 530/387.300  
NCLS: 530/387.900; 530/388.240; 530/389.200  
IC [7]  
ICM: C07K014-78  
ICS: C12N009-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 54 OF 102 USPATFULL on STN  
AN 2002:273550 USPATFULL  
TI Nucleic acids, proteins and antibodies  
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
PI US 2002151681 A1 20021017  
AI US 2001-925300 A1 20010810 (9)  
RLI Continuation-in-part of Ser. No. WO 2000-US5988, filed on 8 Mar 2000,  
UNKNOWN  
PRAI US 1999-124270P 19990312 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 29771  
INCL INCLM: 530/350.000  
INCLS: 536/023.500; 435/325.000; 435/320.100; 435/069.300  
NCL NCLM: 530/350.000  
NCLS: 536/023.500; 435/325.000; 435/320.100; 435/069.300  
IC [7]  
ICM: C07K014-435  
ICS: C07H021-04; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 55 OF 102 USPATFULL on STN  
AN 2002:272419 USPATFULL  
TI \*\*\*Tumor\*\*\* necrosis factor-gamma  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Zhang, Jun, Bethesda, MD, UNITED STATES  
PI US 2002150534 A1 20021017  
AI US 2001-899059 A1 20010706 (9)  
RLI Continuation-in-part of Ser. No. WO 2000-US11689, filed on 28 Apr 2000,  
UNKNOWN Continuation-in-part of Ser. No. US 1999-246129, filed on 8 Feb  
1999, PENDING Continuation-in-part of Ser. No. US 1998-131237, filed on  
7 Aug 1998, PENDING Continuation-in-part of Ser. No. US 1998-5020, filed  
on 9 Jan 1998, ABANDONED Continuation-in-part of Ser. No. US  
1995-461246, filed on 5 Jun 1995, ABANDONED Continuation-in-part of Ser.  
No. WO 1994-US12880, filed on 7 Nov 1994, UNKNOWN  
PRAI US 2001-278449P 20010326 (60)  
US 2000-216879P 20000707 (60)

US 1999-134067P 19990513 (60)  
 US 1999-132227P 19990503 (60)  
 US 1999-131963P 19990430 (60)  
 US 1998-74047P 19980209 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 12881  
 INCL INCLM: 424/001.490  
 INCLS: 424/145.100  
 NCL NCLM: 424/001.490  
 NCLS: 424/145.100  
 IC [7]  
 ICM: A61K051-00  
 ICS: A61K039-395  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 L7 ANSWER 56 OF 102 USPATFULL on STN  
 AN 2002:246365 USPATFULL  
 TI \*\*\*Tumor\*\*\* necrosis factor receptor 5  
 IN Wei, Ying-Fei, Berkeley, CA, United States  
 Ni, Jian, Rockville, MD, United States  
 Gentz, Reiner L., Rockville, MD, United States  
 Ruben, Steven M., Odenton, MD, United States  
 PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)  
 PI US 6455040 B1 20020924  
 AI US 2000-573986 20000518 (9)  
 RLI Continuation-in-part of Ser. No. US 1998-6353, filed on 13 Jan 1998, now patented, Pat. No. US 6261801  
 PRAI US 1999-135164P 19990520 (60)  
 US 1997-54885P 19970807 (60)  
 US 1997-35496P 19970114 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 9119  
 INCL INCLM: 424/134.100  
 INCLS: 424/139.100; 424/178.100; 424/188.000; 424/143.100; 530/388.220; 530/387.300; 530/387.900; 435/007.210; 435/328.000; 435/334.000  
 NCL NCLM: 424/134.100  
 NCLS: 424/138.100; 424/139.100; 424/143.100; 424/178.100; 435/007.210; 435/328.000; 435/334.000; 530/387.300; 530/387.900; 530/388.220  
 IC [7]  
 ICM: A61K039-395  
 EXF 530/387.3; 530/387.9; 530/388.22; 424/134.1; 424/139.1; 424/178.1; 424/188; 424/143.1; 435/7.21; 435/328; 435/334  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 57 OF 102 USPATFULL on STN  
 AN 2002:228550 USPATFULL  
 TI Devices and methods for removing cerebrospinal fluids from a patient's \*\*\*CSF\*\*\* space  
 IN Saul, Tom A., El Granada, CA, UNITED STATES  
 Sussman, Marvin L., Miami, FL, UNITED STATES  
 PA Eunoe, Inc., Redwood City, CA, UNITED STATES, 94063 (U.S. corporation)  
 PI US 2002123714 A1 20020905  
 US 6575928 B2 20030610  
 AI US 2002-138082 A1 20020503 (10)  
 RLI Continuation of Ser. No. US 1998-189037, filed on 10 Nov 1998, GRANTED, Pat. No. US 6383159  
 DT Utility  
 FS APPLICATION  
 LN.CNT 545  
 INCL INCLM: 604/009.000  
 INCLS: 128/898.000  
 NCL NCLM: 604/009.000  
 NCLS: 604/008.000; 604/500.000  
 IC [7]  
 ICM: A61M005-00  
 ICS: A61B019-00

L7 ANSWER 58 OF 102 USPATFULL on STN  
 AN 2002:227656 USPATFULL  
 TI Antigen binding fragments, designated 4B5, that specifically detect cancer cells, nucleotides encoding the fragments, and use thereof for the prophylaxis and detection of cancers

saleh, Mansoor, UNITED STATES  
 PI US 2002122807 A1 20020905  
 AI US 2000-747669 A1 20001221 (9)  
 RLI Continuation of Ser. No. US 1998-111286, filed on 7 Jul 1998, ABANDONED  
 DT Utility  
 FS APPLICATION  
 LN.CNT 2787  
 INCL INCLM: 424/181.100  
 INCLS: 435/006.000; 536/023.500  
 NCL NCLM: 424/181.100  
 NCLS: 435/006.000; 536/023.500  
 IC [7]  
 ICM: A61K039-395  
 ICS: C12Q001-68; C07H021-04  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 59 OF 102 USPATFULL on STN  
 AN 2002:213736 USPATFULL  
 TI Neutrokin- $\alpha$  and Neutrokin- $\alpha$  splice variant  
 IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
 Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
 Ni, Jian, Germantown, MD, UNITED STATES  
 Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Ullrich, Stephen, Rockville, MD, UNITED STATES  
 PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)  
 PI US 2002115112 A1 20020822  
 AI US 2001-929493 A1 20010815 (9)  
 RLI Continuation-in-part of Ser. No. US 2000-588947, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589285, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589286, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589287, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-586288, filed on 2 Jun 2000, PATENTED Continuation-in-part of Ser. No. US 2000-507968, filed on 22 Feb 2000, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999, PENDING  
 PRAI US 2000-225628P 20000815 (60)  
 US 2000-227008P 20000823 (60)  
 US 2000-234338P 20000922 (60)  
 US 2000-240806P 20001017 (60)  
 US 2000-250020P 20001130 (60)  
 US 2001-276248P 20010316 (60)  
 US 2001-293499P 20010525 (60)  
 US 2001-296122P 20010607 (60)  
 US 2001-304809P 20010713 (60)  
 US 1999-122388P 19990302 (60)  
 US 1999-124097P 19990312 (60)  
 US 1999-126599P 19990326 (60)  
 US 1999-127598P 19990402 (60)  
 US 1999-130412P 19990416 (60)  
 US 1999-130696P 19990423 (60)  
 US 1999-131278P 19990427 (60)  
 US 1999-131673P 19990429 (60)  
 US 1999-136784P 19990528 (60)  
 US 1999-142659P 19990706 (60)  
 US 1999-145824P 19990727 (60)  
 US 1999-167239P 19991124 (60)  
 US 1999-168624P 19991203 (60)  
 US 1999-171108P 19991216 (60)  
 US 1999-171626P 19991223 (60)  
 US 2000-176015P 20000114 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 18178  
 INCL INCLM: 435/007.200  
 INCLS: 530/388.230; 424/145.100  
 NCL NCLM: 435/007.200  
 NCLS: 530/388.230; 424/145.100  
 IC [7]  
 ICM: C07K016-24  
 ICS: G01N033-567; G01N033-53; A61K039-395  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2002:202241 USPATFULL  
 TI Death domain containing receptor-4  
 IN Ni, Jian, Rockville, MD, United States  
 Rosen, Craig A., Laytonsville, MD, United States  
 Pan, James G., Belmont, CA, United States  
 Gentz, Reiner L., Rockville, MD, United States  
 Dixit, Vishva M., Los Altos Hills, CA, United States  
 PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
 corporation)  
 The Regents of the University of Michigan, Ann Arbor, MI, United States  
 (U.S. corporation)  
 PI US 6433147 B1 20020813  
 AI US 2000-565918 20000505 (9)  
 RLI Continuation-in-part of Ser. No. US 1998-13895, filed on 27 Jan 1998,  
 now patented, Pat. No. US 6342363  
 PRAI US 1999-132922P 19990506 (60)  
 US 1997-35722P 19970128 (60)  
 US 1997-37829P 19970205 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 8675  
 INCL INCLM: 530/387.300  
 INCLS: 530/300.000; 530/350.000; 530/402.000; 536/023.100; 536/023.500;  
 435/069.100; 435/325.000; 435/252.300; 435/254.110; 424/178.100  
 NCL NCLM: 530/387.300  
 NCLS: 424/178.100; 435/069.100; 435/252.300; 435/254.110; 435/325.000;  
 530/300.000; 530/350.000; 530/402.000; 536/023.100; 536/023.500  
 IC [7]  
 ICM: C07K014-705  
 EXF 530/300; 530/350; 530/402; 530/387.3; 536/23.1; 536/23.5; 536/23.4;  
 435/69.1; 435/375; 435/252.3; 435/254.11; 424/178.1  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 61 OF 102 USPATFULL on STN  
 AN 2002:202239 USPATFULL  
 TI Keratinocyte derived interferon  
 IN LaFleur, David W., Washington, DC, United States  
 Moore, Paul A., Germantown, MD, United States  
 Ruben, Steven M., Olney, MD, United States  
 PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
 corporation)  
 PI US 6433145 B1 20020813  
 AI US 2000-487792 20000120 (9)  
 RLI Continuation-in-part of Ser. No. US 1999-358587, filed on 21 Jul 1999,  
 now abandoned Continuation-in-part of Ser. No. WO 1999-US16424, filed on  
 21 Jul 1999  
 PRAI US 93643P (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 13514  
 INCL INCLM: 530/351.000  
 INCLS: 530/350.000; 424/085.400; 435/007.100  
 NCL NCLM: 530/351.000  
 NCLS: 424/085.400; 435/007.100; 530/350.000  
 IC [7]  
 ICM: C07K017-00  
 ICS: C07K014-00; A61K038-21; C12Q001-68  
 EXF 536/23.5; 536/23.52; 530/350; 530/351; 530/387.1; 435/69.1; 435/7.1;  
 424/85.4  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 62 OF 102 USPATFULL on STN  
 AN 2002:198636 USPATFULL  
 TI Human \*\*\*\*tumor\*\*\*\* necrosis factor receptor TR17  
 IN Ruben, Steven M., Olney, MD, UNITED STATES  
 Baker, Kevin P., Darnestown, MD, UNITED STATES  
 PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.  
 corporation)  
 PI US 2002106736 A1 20020808  
 AI US 2001-961376 A1 20010925 (9)  
 RLI Continuation-in-part of Ser. No. US 2000-533822, filed on 24 Mar 2000,  
 PENDING  
 PRAI US 2000-254874P 20001213 (60)  
 US 2000-235991P 20000926 (60)  
 US 2000-188208P 20000310 (60)

FS APPLICATION  
LN.CNT 13690  
INCL INCLM: 435/069.100  
INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
IC [7]  
ICM: C07K014-705  
ICS: C07H021-04; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 63 OF 102 USPATFULL on STN  
AN 2002:192070 USPATFULL  
TI Antiangiogenic combination therapy for the treatment of cancer  
IN McKearn, John P., Wildwood, MO, UNITED STATES  
Gordon, Gary B., Highland Park, IL, UNITED STATES  
Cunningham, James, Chicago, IL, UNITED STATES  
Gately, Stephen T., Palatine, IL, UNITED STATES  
Koki, Alane T., Beaufort, MO, UNITED STATES  
Masferrer, Jaime L., Ballwin, MO, UNITED STATES  
PI US 2002103141 A1 20020801  
AI US 2001-843132 A1 20010425 (9)  
RLI Continuation-in-part of Ser. No. US 1999-470951, filed on 22 Dec 1999,  
PENDING  
PRAI US 1998-113786P 19981223 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 8069  
INCL INCLM: 514/043.000  
INCLS: 514/283.000; 514/297.000; 514/410.000; 424/450.000; 514/406.000;  
514/521.000  
NCL NCLM: 514/043.000  
NCLS: 514/283.000; 514/297.000; 514/410.000; 424/450.000; 514/406.000;  
514/521.000  
IC [7]  
ICM: A61K031-706  
ICS: A61K031-4745; A61K031-473; A61K031-407; A61K031-415; A61K031-277  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 64 OF 102 USPATFULL on STN  
AN 2002:185613 USPATFULL  
TI Human \*\*\*\*tumor\*\*\*\*, necrosis factor receptor-like proteins TR11,  
TR11SV1 and TR11SV2  
IN Ni, Jian, Germantown, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)  
PI US 2002098525 A1 20020725  
AI US 2001-915593 A1 20010727 (9)  
RLI Continuation-in-part of Ser. No. US 2000-512363, filed on 23 Feb 2000,  
PENDING Continuation-in-part of Ser. No. US 1998-176200, filed on 21 Oct  
1998, PENDING  
PRAI US 2000-221577P 20000728 (60)  
US 1999-144076P 19990716 (60)  
US 1999-134172P 19990513 (60)  
US 1999-121648P 19990224 (60)  
US 1997-63212P 19971021 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 12618  
INCL INCLM: 435/007.900  
INCLS: 530/388.220  
NCL NCLM: 435/007.900  
NCLS: 530/388.220  
IC [7]  
ICM: G01N033-542  
ICS: G01N033-53; C07K016-28  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 65 OF 102 USPATFULL on STN  
AN 2002:181517 USPATFULL  
TI Method of diagnosing juvenile polyposis (JP)  
IN Howe, James R., Iowa City, IA, United States  
Aaltonen, Lauri A., Espoo, FINLAND  
PA University of Iowa Research Foundation, Iowa City, IA, United States  
(U.S. corporation)



AI US 1999-312748 19990513 (9)  
PRAI US 1998-85312P 19980513 (60)  
DT Utility  
FS GRANTED  
LN.CNT 4588  
INCL INCLM: 435/006.000  
INCLS: 435/004.000; 435/007.100; 435/007.210; 435/007.230; 435/007.920;  
435/007.950; 436/063.000; 436/064.000  
NCL NCLM: 435/006.000  
NCLS: 435/004.000; 435/007.100; 435/007.210; 435/007.230; 435/007.920;  
435/007.950; 436/063.000; 436/064.000  
IC [7]  
ICM: C12Q001-00  
ICS: C12Q001-68; G01N033-567; G01N033-574; G01N033-53  
EXF 435/4; 435/6; 435/7.1; 435/7.21; 435/7.23; 435/7.92; 435/7.95; 436/63;  
436/64

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 66 OF 102 USPATFULL on STN  
AN 2002:179465 USPATFULL  
TI System and methods for optimized drug delivery and progression of  
diseased and normal cells  
IN Agur, Zvia, Tel Aviv, ISRAEL  
Fleishmann, Sarel, Nes-Ziona, ISRAEL  
Skomorovski, Kirill, Rehovot, ISRAEL  
Vardi, Moshe, Rehovot, ISRAEL  
PI US 2002095258 A1 20020718  
AI US 2001-827229 A1 20010406 (9)  
RLI Division of Ser. No. US 2000-691053, filed on 19 Oct 2000, PENDING  
DT Utility  
FS APPLICATION  
LN.CNT 6085  
INCL INCLM: 702/019.000  
NCL NCLM: 702/019.000  
IC [7]  
ICM: G06F019-00  
ICS: G01N033-48; G01N033-50

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 67 OF 102 USPATFULL on STN  
AN 2002:167866 USPATFULL  
TI Acoustically active drug delivery systems  
IN Unger, Evan C., Tucson, AZ, United States  
PA Bristol-Myers Squibb Medical Imaging, Inc., Princeton, NJ, United States  
(U.S. corporation)  
PI US 6416740 B1 20020709  
AI US 1998-75343 19980511 (9)  
PRAI US 1997-46379P 19970513 (60)  
DT Utility  
FS GRANTED  
LN.CNT 5660  
INCL INCLM: 424/009.520  
INCLS: 424/009.500; 424/009.510; 424/450.000; 424/009.520  
NCL NCLM: 424/009.520  
NCLS: 424/009.500; 424/009.510; 424/450.000  
IC [7]  
ICM: A61B008-00  
ICS: A61K009-127  
EXF 424/9.52; 424/9.5; 424/9.51; 424/450  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 68 OF 102 USPATFULL on STN  
AN 2002:149157 USPATFULL  
TI Methods and compositions for the diagnosis and treatment of cancer  
IN Clayman, Gary L., Houston, TX, UNITED STATES  
PA Board of Regents, The University of Texas System (U.S. corporation)  
PI US 2002077313 A1 20020620  
AI US 2001-968958 A1 20011001 (9)  
RLI Continuation of Ser. No. US 1996-758033, filed on 27 Nov 1996, PENDING  
PRAI US 1995-7810P 19951130 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3403  
INCL INCLM: 514/044.000  
INCLS: 424/093.210; 435/320.100

NCLS: 424/093.210; 435/320.100

IC [7]  
ICM: A61K048-00  
ICS: C12N015-861

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 69 OF 102 USPATFULL on STN  
AN 2002:144087 USPATFULL  
TI Antibody to human endokine alpha and methods of use  
IN Yu, Guo-Liang, Berkeley, CA, United States  
Ni, Jian, Rockville, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)  
PI US 6406867 B1 20020618  
AI US 2000-513584 20000225 (9)  
RLI Continuation-in-part of Ser. No. US 1999-345790, filed on 1 Jul 1999  
Division of Ser. No. US 1997-912227, filed on 15 Aug 1997, now patented,  
Pat. No. US 5998171  
PRAI US 1999-136788P 19990528 (60)  
US 1999-122099P 19990226 (60)  
US 1996-24058P 19960816 (60)  
DT Utility  
FS GRANTED  
LN.CNT 8722  
INCL INCLM: 435/007.200  
INCLS: 530/387.100; 530/387.900; 530/388.100; 530/388.150; 530/388.240;  
530/389.200; 424/130.100; 424/139.100; 424/141.100; 424/142.100;  
424/158.100  
NCL NCLM: 435/007.200  
NCLS: 424/130.100; 424/139.100; 424/141.100; 424/142.100; 424/158.100;  
530/387.100; 530/387.900; 530/388.100; 530/388.150; 530/388.240;  
530/389.200

IC [7]  
ICM: C07K016-22  
ICS: G01N033-53; G01N033-567  
EXF 530/387.1; 530/387.9; 530/388.1; 530/388.15; 530/388.24; 530/389.2;  
424/130.1; 424/139.1; 424/141.1; 424/142.1; 424/145.1; 424/158.1;  
435/7.1; 435/7.2

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 70 OF 102 USPATFULL on STN  
AN 2002:141109 USPATFULL  
TI Death domain containing receptor 5  
IN Ni, Jian, Rockville, MD, UNITED STATES  
Gentz, Reiner L., Rockville, MD, UNITED STATES  
Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Rosen, Craig A., Laytonville, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, 20850 (U.S. corporation)  
PI US 2002072091 A1 20020613  
AI US 2001-874138 A1 20010606 (9)  
RLI Continuation of Ser. No. US 2000-565009, filed on 4 May 2000, PENDING  
Continuation of Ser. No. US 1998-42583, filed on 17 Mar 1998, PENDING  
PRAI US 1999-148939P 19990813 (60)  
US 1999-133238P 19990507 (60)  
US 1999-132498P 19990504 (60)  
US 1997-40846P 19970317 (60)  
US 1997-54021P 19970729 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 8943  
INCL INCLM: 435/069.100  
INCLS: 435/325.000; 435/320.100; 536/023.500; 530/350.000  
NCL NCLM: 435/069.100  
NCLS: 435/325.000; 435/320.100; 536/023.500; 530/350.000

IC [7]  
ICM: C12P021-02  
ICS: C12N005-06; C07H021-04; C07K014-705

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 71 OF 102 USPATFULL on STN  
AN 2002:140851 USPATFULL  
TI Use of mutant herpes viruses and anticancer agents in the treatment of cancer  
IN Fong, Yuman, New York, NY, UNITED STATES

Petrowsky, Henrik, Nidderau, GERMANY, FEDERAL REPUBLIC OF  
 PI US 2002071832 A1 20020613  
 AI US 2001-872468 A1 20010601 (9)  
 PRAI US 2000-208546P 20000601 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 1329  
 INCL INCLM: 424/093.210  
 INCLS: 424/649.000; 514/008.000; 514/034.000; 514/220.000; 514/251.000;  
 514/263.300; 514/410.000; 514/575.000  
 NCL NCLM: 424/093.210  
 NCLS: 424/649.000; 514/008.000; 514/034.000; 514/220.000; 514/251.000;  
 514/263.300; 514/410.000; 514/575.000  
 IC [7]  
 ICM: A61K048-00  
 ICS: A61K038-16; A61K031-522; A61K031-551; A61K033-24  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 72 OF 102 USPATFULL on STN  
 AN 2002:137146 USPATFULL  
 TI Antibodies to neutrokin- $\alpha$   
 IN Yu, Guo-Liang, Berkeley, CA, United States  
 Ebner, Reinhard, Gaithersburg, MD, United States  
 Ni, Jian, Rockville, MD, United States  
 Rosen, Craig A., Laytonsville, MD, United States  
 PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)  
 PI US 6403770 B1 20020611  
 AI US 2000-589287 20000608 (9)  
 RLI Continuation of Ser. No. US 2000-507968, filed on 22 Feb 2000  
 Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999  
 Continuation-in-part of Ser. No. US 1998-5874, filed on 12 Jan 1998  
 Continuation-in-part of Ser. No. WO 1996-US17957, filed on 25 Oct 1996  
 PRAI US 2000-176015P 20000114 (60)  
 US 1999-171626P 19991223 (60)  
 US 1999-171108P 19991216 (60)  
 US 1999-168624P 19991203 (60)  
 US 1999-167239P 19991124 (60)  
 US 1999-145824P 19990727 (60)  
 US 1999-142659P 19990706 (60)  
 US 1999-136784P 19990528 (60)  
 US 1999-131673P 19990429 (60)  
 US 1999-131278P 19990427 (60)  
 US 1999-130696P 19990423 (60)  
 US 1999-130412P 19990416 (60)  
 US 1999-127598P 19990402 (60)  
 US 1999-126599P 19990326 (60)  
 US 1999-124097P 19990312 (60)  
 US 1999-122388P 19990302 (60)  
 US 1997-36100P 19970114 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 15430  
 INCL INCLM: 530/387.300  
 INCLS: 530/300.000; 530/324.000; 530/388.100; 530/388.230; 530/351.000;  
 435/069.500; 435/007.100  
 NCL NCLM: 530/387.300  
 NCLS: 435/007.100; 435/069.500; 530/300.000; 530/324.000; 530/351.000;  
 530/388.100; 530/388.230  
 IC [7]  
 ICM: C07K016-00  
 ICS: C12P021-08; C12P021-02; G01N035-53  
 EXF 530/387.1; 530/387.3; 530/387.9; 530/388.1; 530/388.23; 424/85.1;  
 536/23.1; 536/23.4  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 73 OF 102 USPATFULL on STN  
 AN 2002:136533 USPATFULL  
 TI Method for delivering bioactive agents using cochleates  
 IN Unger, Evan C., Tucson, AZ, United States  
 PA Imarx Therapeutics, Inc., Tucson, AZ, United States (U.S. corporation)  
 PI US 6403056 B1 20020611  
 AI US 2000-540448 20000331 (9)  
 RLI Division of Ser. No. US 1997-925353, filed on 8 Sep 1997, now patented,  
 Pat. No. US 6120751 Continuation-in-part of Ser. No. US 1997-823791,

Continuation-in-part of Ser. No. US 1997-851780, filed on 6 May 1997,  
now patented, Pat. No. US 6090800 Continuation-in-part of Ser. No. US  
1997-877826, filed on 18 Jun 1997 Continuation-in-part of Ser. No. US  
1997-887215, filed on 2 Jul 1997, now patented, Pat. No. US 6028066

DT Utility  
FS GRANTED  
LN.CNT 6445  
INCL INCLM: 424/009.510  
INCLS: 424/009.520; 424/400.000; 424/450.000; 424/502.000  
NCL NCLM: 424/009.510  
NCLS: 424/009.520; 424/400.000; 424/450.000; 424/502.000  
IC [7]  
ICM: A61B008-00  
ICS: A61K009-00; A61K009-127; A61K009-50  
EXF 424/9.52; 424/9.51; 424/450; 424/489; 424/1.21; 424/9.321; 424/812;  
424/400; 424/502; 514/937; 514/44  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 74 OF 102 USPATFULL on STN  
AN 2002:126317 USPATFULL  
TI Human \*\*\*tumor\*\*\* necrosis factor delta and epsilon  
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Gentz, Reiner L., Rockville, MD, UNITED STATES  
Dillon, Patrick J., Carlsbad, CA, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.  
corporation)  
PI US 2002064829 A1 20020530  
US 6541224 B2 20030401  
AI US 2001-879919 A1 20010614 (9)  
RLI Continuation-in-part of Ser. No. US 1997-815783, filed on 12 Mar 1997,  
PENDING  
PRAI US 1996-16812P 19960314 (60)  
US 2001-293499P 20010525 (60)  
US 2001-277978P 20010323 (60)  
US 2001-276248P 20010316 (60)  
US 2000-254875P 20001213 (60)  
US 2000-241952P 20001023 (60)  
US 2000-211537P 20000615 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 13531  
INCL INCLM: 435/069.100  
INCLS: 435/325.000; 435/320.100; 530/351.000; 424/145.100; 530/388.230;  
536/023.500  
NCL NCLM: 435/069.500  
NCLS: 435/007.710; 435/069.100; 435/069.700; 435/070.100; 514/002.000;  
514/012.000; 530/350.000; 530/351.000  
IC [7]  
ICM: A61K039-395  
ICS: C07K014-525; C07K016-24; C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 75 OF 102 USPATFULL on STN  
AN 2002:101771 USPATFULL  
TI Devices and method for removing cerebrospinal fluids from a patient's  
\*\*\*CSF\*\*\* space  
IN Saul, Tom A., El Granada, CA, United States  
Sussman, Marvin L., Miami, FL, United States  
PA Eunoe, Inc., Redwood City, CA, United States (U.S. corporation)  
PI US 6383159 B1 20020507  
AI US 1998-189037 19981110 (9)  
DT Utility  
FS GRANTED  
LN.CNT 623  
INCL INCLM: 604/009.000  
INCLS: 604/008.000; 604/500.000  
NCL NCLM: 604/009.000  
NCLS: 604/008.000; 604/500.000  
IC [7]  
ICM: A61M005-00  
EXF 604/264; 604/8-10; 604/247; 604/500; 604/28; 604/30; 604/33

L7 ANSWER 76 OF 102 USPATFULL on STN  
AN 2002:99410 USPATFULL

neurological diseases and disorders  
IN Solomon, Beka, Herzlia Pituach, ISRAEL  
Frenkel, Dan, Rehovot, ISRAEL  
PI US 2002052311 A1 20020502  
AI US 2001-808037 A1 20010315 (9)  
RLI Continuation-in-part of Ser. No. US 2000-629971, filed on 31 Jul 2000,  
PENDING Continuation-in-part of Ser. No. US 1999-473653, filed on 29 Dec  
1999, PENDING  
PRAI US 1999-152417P 19990903 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 4074  
INCL INCLM: 514/002.000  
INCLS: 424/093.210  
NCL NCLM: 514/002.000  
NCLS: 424/093.210  
IC [7]  
ICM: A61K048-00  
ICS: A61K038-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 77 OF 102 USPATFULL on STN  
AN 2002:92635 USPATFULL  
TI METHODS AND COMPOSITIONS FOR THE TREATMENT OF MOTOR NEURON INJURY AND  
NEUROPATHY  
IN RUEGER, DAVID C., SOUTHBOROUGH, MA, UNITED STATES  
SAMPATH, KUBER T., HOLLISTON, MA, UNITED STATES  
OPPERMANN, HERMAN, MEDWAY, MA, UNITED STATES  
PANG, ROY H. L., NEW HAMPSHIRE, MA, UNITED STATES  
COHEN, CHARLES M., WESTON, MA, UNITED STATES  
PI US 2002049159 A1 20020425  
AI US 1997-937755 A1 19970925 (8)  
RLI Continuation-in-part of Ser. No. US 1994-260675, filed on 16 Jun 1994,  
PENDING Continuation of Ser. No. US 1993-126100, filed on 23 Sep 1993,  
ABANDONED Continuation of Ser. No. US 1992-922813, filed on 31 Jul 1992,  
ABANDONED Continuation-in-part of Ser. No. US 1991-752764, filed on 30  
Aug 1991, ABANDONED Continuation-in-part of Ser. No. US 1991-753059,  
filed on 30 Aug 1991, ABANDONED Continuation-in-part of Ser. No. US  
1991-667274, filed on 11 Mar 1991, ABANDONED  
DT Utility  
FS APPLICATION  
LN.CNT 3688  
INCL INCLM: 514/012.000  
INCLS: 514/002.000  
NCL NCLM: 514/012.000  
NCLS: 514/002.000  
IC [7]  
ICM: A61K038-00  
ICS: A01N037-18; C12N015-09

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 78 OF 102 USPATFULL on STN  
AN 2002:75422 USPATFULL  
TI Methods for treating dementia  
IN Schatzberg, Alan F., Los Altos, CA, United States  
Belanoff, Joseph K., Woodside, CA, United States  
PA The Board of Trustees of the Leland Stanford Junior University,  
Stanford, CA, United States (U.S. corporation)  
PI US 6369046 B1 20020409  
AI US 1999-246780 19990204 (9)  
PRAI US 1998-85703P 19980515 (60)  
DT Utility  
FS GRANTED  
LN.CNT 1433  
INCL INCLM: 514/167.000  
INCLS: 514/169.000  
NCL NCLM: 514/167.000  
NCLS: 514/169.000  
IC [7]  
ICM: A61K031-59  
ICS: A61K031-56  
EXF 514/167; 514/169

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 79 OF 102 USPATFULL on STN

TI SOLID POROUS MATRICES AND METHODS OF MAKING AND USING THE SAME  
IN UNGER, EVAN C., TUCSON, AZ, UNITED STATES  
PI US 2002039594 A1 20020404  
AI US 1998-75477 A1 19980511 (9)  
PRAI US 1997-46379P 19970513 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 5207  
INCL INCLM: 424/426.000  
INCLS: 424/489.000  
NCL NCLM: 424/426.000  
NCLS: 424/489.000  
IC [7]  
ICM: A61K009-14  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 80 OF 102 USPATFULL on STN  
AN 2002:57390 USPATFULL  
TI Antibodies to human \*\*\*\*tumor\*\*\*\* necrosis factor receptor TR9  
IN Ni, Jian, Rockville, MD, United States  
Yu, Guo-Liang, Berkeley, CA, United States  
Fan, Ping, Gaithersburg, MD, United States  
Gentz, Reiner L., Rockville, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 6358508 B1 20020319  
AI US 2000-527236 20000316 (9)  
RLI Continuation-in-part of Ser. No. US 1998-95094, filed on 10 Jun 1998  
PRAI US 1997-52991P 19970611 (60)  
US 1999-126019P 19990324 (60)  
US 1999-134220P 19990514 (60)  
DT Utility  
FS GRANTED  
LN.CNT 8936  
INCL INCLM: 424/139.100  
INCLS: 424/178.100; 530/388.220; 530/389.100; 530/391.300; 530/391.700;  
530/387.900  
NCL NCLM: 424/139.100  
NCLS: 424/178.100; 530/387.900; 530/388.220; 530/389.100; 530/391.300;  
530/391.700  
IC [7]  
ICM: A61K039-395  
EXF 530/388.22; 530/389.1; 530/391.3; 530/391.7; 530/387.9; 424/139.1;  
424/178.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 81 OF 102 USPATFULL on STN  
AN 2002:32195 USPATFULL  
TI Differential diagnosis of neurological diseases  
IN Vanmechelen, Eugene, Nazareth-Eke, BELGIUM  
Vanderstichele, Hugo, Gent, BELGIUM  
Hulstaert, Frank, Gentbrugge, BELGIUM  
PI US 2002019016 A1 20020214  
AI US 2001-892835 A1 20010627 (9)  
PRAI EP 2000-870151 20000630  
US 2000-218907P 20000718 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1005  
INCL INCLM: 435/007.210  
NCL NCLM: 435/007.210  
IC [7]  
ICM: G01N033-567  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 82 OF 102 USPATFULL on STN  
AN 2002:4290 USPATFULL  
TI PURIFIED ANTIGEN FOR ALZHEIMER'S DISEASE, AND METHODS OF OBTAINING AND  
USING SAME  
IN ZINKOWSKI, RAYMOND P., NORTHBROOK, IL, UNITED STATES  
KERKMAN, DANIEL J., LAKE VILLA, IL, UNITED STATES  
KOHNKEN, RUSSELL E., SKOKIE, IL, UNITED STATES  
DEBERNARDIS, JOHN F., LINDENHURST, IL, UNITED STATES  
DAVIES, PETER, RYE, NY, UNITED STATES  
PI US 2002002270 A1 20020103

DT Utility  
FS APPLICATION  
LN.CNT 1696  
INCL INCLM: 530/387.100  
INCLS: 435/007.100; 436/501.000  
NCL NCLM: 530/387.100  
NCLS: 435/007.100; 436/501.000  
IC [7]  
ICM: C07K016-00  
ICS: G01N033-53; G01N033-566  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 83 OF 102 USPATFULL on STN  
AN 2001:231037 USPATFULL  
TI P202 is a \*\*\*\*tumor\*\*\*\* suppressor  
IN Hung, Mien-Chie, Houston, TX, United States  
Yan, Duen-Hwa, Houston, TX, United States  
Wen, Yong, Houston, TX, United States  
Spohn, Bill, Houston, TX, United States  
PA Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)  
PI US 6331284 B1 20011218  
AI US 2000-590652 20000608 (9)  
PRAI US 1999-139039P 19990610 (60)  
DT Utility  
FS GRANTED  
LN.CNT 3162  
INCL INCLM: 424/001.110  
INCLS: 424/093.100; 424/093.200; 424/093.600; 435/320.100; 435/455.000; 435/456.000; 435/458.000; 514/002.000; 514/044.000; 530/350.000; 536/023.100; 536/023.500; 536/024.100  
NCL NCLM: 424/001.110  
NCLS: 424/093.100; 424/093.200; 424/093.600; 435/320.100; 435/455.000; 435/456.000; 435/458.000; 514/002.000; 514/044.000; 530/350.000; 536/023.100; 536/023.500; 536/024.100  
IC [7]  
ICM: A61K051-00  
ICS: A61K048-00; A61K038-21; A61K031-711  
EXF 435/69.1; 435/320.1; 435/455; 435/456; 435/458; 424/93.1; 424/93.2; 424/93.6; 424/278; 424/1.11; 514/2; 514/44; 530/350; 536/23.1; 536/23.5; 536/24.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 84 OF 102 USPATFULL on STN  
AN 2001:182086 USPATFULL  
TI Novel methods of ultrasound treatment using gas or gaseous precursor-filled compositions  
IN Unger, Evan C., Tucson, AZ, United States  
PA ImaRx Pharmaceutical Corp. (U.S. corporation)  
PI US 2001031243 A1 20011018  
AI US 2001-813484 A1 20010321 (9)  
RLI Division of Ser. No. US 1997-929847, filed on 15 Sep 1997, PENDING  
DT Utility  
FS APPLICATION  
LN.CNT 6360  
INCL INCLM: 424/009.510  
INCLS: 424/009.520; 604/020.000  
NCL NCLM: 424/009.510  
NCLS: 424/009.520; 604/020.000  
IC [7]  
ICM: A61K049-22  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 85 OF 102 USPATFULL on STN  
AN 2001:144937 USPATFULL  
TI Solid matrix therapeutic compositions  
IN Unger, Evan C., Tucson, AZ, United States  
PA ImaRx Therapeutics, Inc. (U.S. corporation)  
PI US 2001018072 A1 20010830  
AI US 2001-828762 A1 20010409 (9)  
RLI Division of Ser. No. US 1998-75477, filed on 11 May 1998, PENDING  
PRAI US 1997-46379P 19970513 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 4899

INCLS: 514/053.000; 514/023.000  
NCLM: 424/484.000  
NCLS: 514/053.000; 514/023.000  
IC [7]  
ICM: A61K009-14  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 86 OF 102 USPATFULL on STN  
AN 2001:136426 USPATFULL  
TI Artificial chromosome constructs containing foreign nucleic acid sequences  
IN Horsburgh, Brian, Vancouver, Canada  
Qiang, Dong, Vancouver, Canada  
Tufaro, Francis, Vancouver, Canada  
Ostrove, Jeffrey, West Vancouver, Canada  
PA MediGene, Inc., San Diego, CA, United States (U.S. corporation)  
PI US 6277621 B1 20010821  
AI US 1998-31006 19980226 (9)  
DT Utility  
FS GRANTED  
LN.CNT 921  
INCL INCLM: 435/235.100  
INCLS: 435/320.100; 435/325.000; 435/366.000; 536/023.100; 536/023.720;  
536/023.200; 536/023.500; 536/023.510; 536/023.520; 536/024.500  
NCL NCLM: 435/235.100  
NCLS: 435/320.100; 435/325.000; 435/366.000; 536/023.100; 536/023.200;  
536/023.500; 536/023.510; 536/023.520; 536/023.720; 536/024.500  
IC [7]  
ICM: C12N007-00  
ICS: C12N007-01; C12N005-10; C12N015-38; C07H021-04  
EXF 435/320.1; 435/325; 435/235.1; 435/366; 424/93.2; 424/93.6; 424/93.1;  
536/23.1; 536/23.72; 536/23.2; 536/23.5; 536/23.51; 536/23.52; 536/24.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 87 OF 102 USPATFULL on STN  
AN 2001:98068 USPATFULL  
TI DNA sequences encoding fusions of DNA repair proteins and uses thereof  
IN Kelley, Mark, Zionsville, IN, United States  
Williams, David, Indianapolis, IN, United States  
PA Advanced Research and Technology Institute, Indianapolis, IN, United States (U.S. corporation)  
PI US 6252048 B1 20010626  
AI US 2000-542403 20000403 (9)  
RLI Continuation of Ser. No. US 1997-957302, filed on 24 Oct 1997, now patented, Pat. No. US 6046036  
PRAI US 1996-29308P 19961025 (60)  
DT Utility  
FS GRANTED  
LN.CNT 4551  
INCL INCLM: 530/358.000  
INCLS: 530/300.000; 530/350.000; 435/069.100; 435/069.700; 435/183.000;  
536/023.100; 536/023.200; 536/023.400; 536/023.500  
NCL NCLM: 530/358.000  
NCLS: 435/069.100; 435/069.700; 435/183.000; 530/300.000; 530/350.000;  
536/023.100; 536/023.200; 536/023.400; 536/023.500  
IC [7]  
ICM: C07K014-00  
ICS: C07K005-00; C12N015-00; C07H021-04  
EXF 435/6; 435/69.7; 435/69.1; 435/440; 435/183; 435/193; 435/320.1;  
435/325; 435/367; 435/243; 435/252; 435/33; 536/23.1; 536/23.2;  
536/23.5; 536/23.4; 536/24.3; 536/24.31; 536/24.33; 514/44; 530/300;  
530/350; 530/358  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 88 OF 102 USPATFULL on STN  
AN 2001:93119 USPATFULL  
TI Human PEA3 is a \*\*\*tumor\*\*\* suppressor for cancer cells  
IN Xing, Xiangming, Sugar Land, TX, United States  
Hung, Mien-Chie, Houston, TX, United States  
PA Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)  
PI US 6248351 B1 20010619  
AI US 1998-116049 19980715 (9)  
RLI Continuation-in-part of Ser. No. US 1997-780835, filed on 10 Jan 1997, now patented, Pat. No. US 5922688



FS GRANTED  
LN.CNT 2739  
INCL INCLM: 424/450.000  
INCLS: 424/093.200; 424/093.600; 435/320.100; 435/455.000; 435/456.000;  
435/325.000; 435/375.000; 514/002.000; 514/044.000; 536/023.100;  
536/023.500  
NCL NCLM: 424/450.000  
NCLS: 424/093.200; 424/093.600; 435/320.100; 435/325.000; 435/375.000;  
435/455.000; 435/456.000; 514/002.000; 514/044.000; 536/023.100;  
536/023.500  
IC [7]  
ICM: A61K048-00  
ICS: A61K038-17; A61K031-711; C12N015-867; C12N015-63  
EXF 514/2; 514/44; 435/320.1; 435/455; 435/456; 435/325; 435/375; 424/93.2;  
424/450; 536/23.1; 536/23.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 89 OF 102 USPATFULL on STN  
AN 2001:4886 USPATFULL  
TI Pea3 is a \*\*\*tumor\*\*\* suppressor  
IN Hung, Mien-Chie, Houston, TX, United States  
Xing, Xiangming, Houston, TX, United States  
PA Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)  
PI US 6172212 B1 20010109  
AI US 1999-303268 19990430 (9)  
RLI Continuation of Ser. No. US 1997-780835, filed on 10 Jan 1997, now patented, Pat. No. US 5922688  
DT Patent  
FS Granted  
LN.CNT 2482  
INCL INCLM: 536/023.500  
INCLS: 424/450.000; 424/093.100; 424/093.200; 435/235.100; 435/320.100;  
436/071.000; 530/350.000; 514/044.000  
NCL NCLM: 536/023.500  
NCLS: 424/093.100; 424/093.200; 424/450.000; 435/235.100; 435/320.100;  
436/071.000; 530/350.000  
IC [7]  
ICM: C07H021-04  
ICS: A61K009-127; C12N007-00; C12N015-00; G01N033-92  
EXF 514/44; 514/2; 435/320.1; 435/172.3; 435/325; 435/375; 435/975;  
435/235.1; 424/93.2; 424/450; 436/71; 536/23.5; 530/350  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 90 OF 102 USPATFULL on STN  
AN 2000:127960 USPATFULL  
TI Optoacoustic contrast agents and methods for their use  
IN Unger, Evan C., Tucson, AZ, United States  
Wu, Yunqiu, Tucson, AZ, United States  
PA Imarx Pharmaceutical Corp., Tucson, AZ, United States (U.S. corporation)  
PI US 6123923 20000926  
AI US 1997-993165 19971218 (8)  
PRAI US 1997-46379P 19970513 (60)  
DT Utility  
FS Granted  
LN.CNT 6923  
INCL INCLM: 424/009.520  
INCLS: 424/009.600; 424/009.200; 424/009.300; 424/450.000; 424/009.100;  
514/410.000  
NCL NCLM: 424/009.520  
NCLS: 424/009.100; 424/009.200; 424/009.300; 424/009.600; 424/450.000;  
514/410.000  
IC [7]  
ICM: A61K049-00  
ICS: A61K049-22  
EXF 424/9.1; 424/9.2; 424/9.3; 424/9.52; 424/450; 424/9.6; 514/410  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 91 OF 102 USPATFULL on STN  
AN 2000:124531 USPATFULL  
TI charged lipids and uses for the same  
IN Unger, Evan C., Tucson, AZ, United States  
PA Imarx Pharmaceutical Corp., Tucson, AZ, United States (U.S. corporation)  
PI US 6120751 20000919  
AI US 1997-925353 19970908 (8)  
PRAI US 1997-925353 19970908 (8)

And a continuation-in-part of Ser. No. US 1997-851780, filed on 6 May 1997 And a continuation-in-part of Ser. No. US 1997-877826, filed on 18 Jun 1997 And a continuation-in-part of Ser. No. US 1997-887215, filed on 2 Jul 1997

DT Utility  
FS Granted  
LN.CNT 6059  
INCL INCLM: 424/009.510  
INCLS: 424/009.520; 424/450.000; 424/502.000; 264/004.100; 264/004.000;  
428/402.200  
NCL NCLM: 424/009.510  
NCLS: 264/004.000; 264/004.100; 424/009.520; 424/450.000; 424/502.000;  
428/402.200  
IC [7]  
ICM: A61K049-04  
ICS: A61K009-50; A61K009-127; B01J013-02  
EXF 424/450; 424/9.52; 424/9.51; 424/489; 424/498; 424/502; 424/1.21;  
424/9.321; 424/812; 514/937; 264/4; 264/4.1; 264/4.32; 264/4.33;  
427/2.14; 427/213.3; 427/213.31; 428/402; 428/402.24; 428/402.2; 436/829  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 92 OF 102 USPATFULL on STN  
AN 2000:40881 USPATFULL  
TI DNA sequences encoding fusions of DNA repair proteins and uses thereof  
IN Kelley, Mark, Zionsville, IN, United States  
Williams, David, Indianapolis, IN, United States  
PA Advanced Research and Technology Institute, Bloomington, IN, United States (U.S. corporation)  
PI US 6046036 20000404  
AI US 1997-957302 19971024 (8)  
PRAI US 1996-29308P 19961025 (60)  
DT Utility  
FS Granted  
LN.CNT 4941  
INCL INCLM: 435/069.700  
INCLS: 435/069.100; 435/320.100; 435/325.000; 435/367.000; 536/023.100;  
536/023.400; 536/023.500  
NCL NCLM: 435/069.700  
NCLS: 435/069.100; 435/320.100; 435/325.000; 435/367.000; 536/023.100;  
536/023.400; 536/023.500  
IC [7]  
ICM: C12N015-00  
ICS: C12N015-63; C12N015-85; C07H021-04  
EXF 435/6; 435/69.7; 435/69.1; 435/172.03; 435/320.1; 435/367; 435/252.33;  
435/440; 435/183; 435/193; 435/325; 435/243; 536/23.4; 536/23.1;  
536/23.2; 536/23.5; 536/24.3; 536/24.31; 536/24.33; 514/44  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 93 OF 102 USPATFULL on STN  
AN 2000:35495 USPATFULL  
TI Drug delivery system and method  
IN Walker, Jeffrey P., San Diego, CA, United States  
Bernard, Robert M., Rancho Santa Fe, CA, United States  
PA Ichor Medical Systems Inc., San Diego, CA, United States (U.S. corporation)  
PI US 6041252 20000321  
AI US 1995-476714 19950607 (8)  
DT Utility  
FS Granted  
LN.CNT 2555  
INCL INCLM: 604/020.000  
INCLS: 604/021.000; 435/173.600; 435/285.200; 607/072.000  
NCL NCLM: 604/020.000  
NCLS: 435/173.600; 435/285.200; 604/021.000; 607/072.000  
IC [7]  
ICM: A61N001-30  
EXF 604/20-21; 604/49; 935/52-53; 435/173.6; 435/285.2; 607/72

L7 ANSWER 94 OF 102 USPATFULL on STN  
AN 2000:21560 USPATFULL  
TI Prodrugs comprising fluorinated amphiphiles  
IN Unger, Evan C., Tucson, AZ, United States  
PA Imarx Pharmaceutical Corp., Tucson, AZ, United States (U.S. corporation)  
PI US 6028066 20000222  
AI US 1997-887215 19970702 (8)

DT Utility  
FS Granted  
LN.CNT 6329  
INCL INCLM: 514/180.000  
INCLS: 514/169.000; 552/507.000  
NCL NCLM: 514/180.000  
NCLS: 514/169.000; 552/507.000  
IC [7]  
ICM: A61K031-56  
ICS: C07J005-00  
EXF 552/506; 552/507; 552/566; 514/169; 514/180  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 95 OF 102 USPATFULL on STN  
AN 1999:106564 USPATFULL  
TI Neural thread protein gene expression and detection of Alzheimer's  
disease  
IN de la Monte, Suzanne, Cambridge, MA, United States  
Wands, Jack R., Waban, MA, United States  
PA The General Hospital Corporation, Boston, MA, United States (U.S.  
corporation)  
PI US 5948888 19990907  
AI US 1995-450673 19950530 (8)  
RLI Division of Ser. No. US 1994-340426, filed on 14 Nov 1994 which is a  
continuation-in-part of Ser. No. US 1994-230139, filed on 20 Apr 1994,  
now abandoned which is a continuation-in-part of Ser. No. US 1993-50559,  
filed on 20 Apr 1993, now abandoned, said Ser. No. US 340426 which is a  
continuation-in-part of Ser. No. US 1993-55778, filed on 3 May 1993, now  
abandoned which is a continuation of Ser. No. US 1989-451975, filed on  
20 Dec 1989, now abandoned which is a continuation-in-part of Ser. No.  
US 1988-287207, filed on 21 Dec 1988, now abandoned

DT Utility  
FS Granted  
LN.CNT 4980  
INCL INCLM: 530/350.000  
INCLS: 530/839.000; 435/320.100; 435/069.100; 435/071.200; 435/252.330;  
435/252.300  
NCL NCLM: 530/350.000  
NCLS: 435/069.100; 435/071.200; 435/252.300; 435/252.330; 435/320.100;  
530/839.000  
IC [6]  
ICM: C07K014-00  
EXF 530/350; 530/839; 435/320.1; 435/69.1; 435/71.2; 435/252.33; 435/252.3  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 96 OF 102 USPATFULL on STN  
AN 1999:106312 USPATFULL  
TI Neural thread protein gene expression and detection of alzheimer's  
disease  
IN de la Monte, Suzanne, Cambridge, MA, United States  
Wands, Jack R., Waban, MA, United States  
PA The General Hospital Coporation, Boston, MA, United States (U.S.  
corporation)  
PI US 5948634 19990907  
AI US 1994-340426 19941114 (8)  
RLI Continuation-in-part of Ser. No. US 1994-230139, filed on 20 Apr 1994,  
now abandoned And Ser. No. US 1993-55778, filed on 3 May 1993, now  
abandoned, said Ser. No. US 230139 which is a continuation-in-part of  
Ser. No. US 1993-50559, filed on 20 Apr 1993, now abandoned, said Ser.  
No. US 55778 which is a continuation of Ser. No. US 1989-451975, filed  
on 20 Dec 1989, now abandoned which is a continuation-in-part of Ser.  
No. US 1988-287207, filed on 21 Dec 1988, now abandoned

DT Utility  
FS Granted  
LN.CNT 4945  
INCL INCLM: 435/069.100  
INCLS: 435/252.300; 435/252.800; 435/320.100; 536/023.100; 536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/252.300; 435/252.800; 435/320.100; 536/023.100; 536/023.500  
IC [6]  
ICM: C12N015-00  
EXF 536/23.1; 536/23.5; 435/320.1; 435/240.1; 435/243; 435/69.1; 435/252.3;  
435/252.8  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 1999:78693 USPATFULL  
TI PEA3 is a \*\*\*tumor\*\*\* suppressor  
IN Hung, Mien-Chie, Houston, TX, United States  
Xing, Xiangming, Houston, TX, United States  
PA Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)  
PI US 5922688 19990713  
AI US 1997-780835 19970110 (8)  
DT Utility  
FS Granted  
LN.CNT 2710  
INCL INCLM: 514/044.000  
INCLS: 514/002.000; 435/320.100; 435/975.000  
NCL NCLM: 514/044.000  
NCLS: 435/320.100; 435/975.000; 514/002.000  
IC [6]  
ICM: A61K038-00  
ICS: A61K048-00; C12N015-00  
EXF 514/44; 514/2; 435/320.1; 435/172.3; 435/325; 435/375; 435/975;  
424/93.2; 424/450; 935/52; 536/23.1; 536/23.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 98 OF 102 USPATFULL on STN  
AN 1998:134825 USPATFULL  
TI Neural thread protein gene expression and detection of Alzheimer's disease  
IN de la Monte, Suzanne, Cambridge, MA, United States  
Wands, Jack R., Waban, MA, United States  
PA The General Hospital Corporation, Boston, MA, United States (U.S. corporation)  
PI US 5830670 19981103  
AI US 1995-454557 19950530 (8)  
RLI Division of Ser. No. US 1994-340426, filed on 14 Nov 1994 which is a continuation-in-part of Ser. No. US 1994-230139, filed on 20 Apr 1994, now abandoned And Ser. No. US 1993-55778, filed on 3 May 1993, now abandoned which is a continuation of Ser. No. US 1989-451975, filed on 20 Dec 1989, now abandoned which is a continuation-in-part of Ser. No. US 1988-287207, filed on 21 Dec 1988, now abandoned, said Ser. No. US 230139 which is a continuation-in-part of Ser. No. US 1993-50559, filed on 20 Apr 1993, now abandoned  
DT Utility  
FS Granted  
LN.CNT 4824  
INCL INCLM: 435/007.200  
INCLS: 435/007.100; 435/007.920; 435/040.520; 436/063.000  
NCL NCLM: 435/007.200  
NCLS: 435/007.100; 435/007.920; 435/040.520; 436/063.000  
IC [6]  
ICM: G01N033-53  
ICS: G01N033-48; C12Q001-08  
EXF 435/6; 435/7.1; 435/7.2; 435/7.92; 435/40.52; 435/7.23; 436/63; 436/64;  
436/813; 514/44  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 99 OF 102 USPATFULL on STN  
AN 1998:124858 USPATFULL  
TI Method and apparatus for radiation detection  
IN Tumer, Tumay O., 107 Sweetwood Ct., Riverside, CA, United States 92507  
PI US 5821541 19981013  
AI US 1997-784176 19970115 (8)  
PRAI US 1996-11135P 19960202 (60)  
DT Utility  
FS Granted  
LN.CNT 4658  
INCL INCLM: 250/370.090  
INCLS: 250/363.030  
NCL NCLM: 250/370.090  
NCLS: 250/363.030  
IC [6]  
ICM: G01T001-24  
EXF 378/37; 378/4; 378/98.8; 250/370.09; 250/369; 250/367; 250/366;  
250/363.02; 250/363.03; 250/363.04; 250/370.01  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 100 OF 102 USPATFULL on STN

TI The Alz-50 monoclonal antibody and diagnostic assay for alzheimer's disease  
 IN Ghanbari, Hossein A., Lake Forest, IL, United States  
 Davies, Peter, Rye, NY, United States  
 Wolozin, Benjamin, Columbia, MD, United States  
 PA Albert Einstein College of Medicine of Yeshiva Univ., Bronx, NY, United States (U.S. corporation)  
 PI US 5811310 19980922  
 AI US 3627837 19941223 (8)  
 RLI Continuation-in-part of Ser. No. 269640, filed on 1 Jul 1994, now abandoned which is a continuation of Ser. No. 116488, filed on 3 Sep 1993, now abandoned which is a continuation of Ser. No. 485149, filed on 26 Feb 1990, now abandoned which is a continuation-in-part of Ser. No. 100980, filed on 25 Sep 1987, now abandoned which is a continuation-in-part of Ser. No. 913494, filed on 30 Sep 1986, now abandoned  
 DT Utility  
 FS Granted  
 LN.CNT 1857  
 INCL INCLM: 436/518.000  
 INCLS: 436/528.000; 436/531.000; 436/084.000; 435/070.210; 435/326.000; 435/007.100; 435/007.210; 435/007.920; 530/388.100  
 NCL NCLM: 436/518.000  
 NCLS: 435/007.100; 435/007.210; 435/007.920; 435/070.210; 435/326.000; 436/528.000; 436/531.000; 436/811.000; 530/388.100  
 IC [6]  
 ICM: G01N033-53  
 EXF 435/7.1; 435/7.21; 435/7.92; 435/7.94; 435/18; 435/21; 435/28; 435/240.27; 435/70.1; 435/70.2; 435/70.21; 435/326; 435/344.1; 436/518; 436/528; 436/531; 436/538; 436/540; 436/547; 436/548; 436/804; 436/811; 530/388.1  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 101 OF 102 USPATFULL on STN  
 AN 97:12326 USPATFULL  
 TI Method of detecting abnormally phosphorylated \*\*\*tau\*\*\* (. \*\*\*tau\*\*\*  
 .)  
 IN Trojanowski, John Q., Philadelphia, PA, United States  
 Lee, Virginia M-Y., Philadelphia, PA, United States  
 PA Trustees of the Univ. of Pennsylvania, Philadelphia, PA, United States (U.S. corporation)  
 PI US 5601985 19970211  
 AI US 1995-495308 19950627 (8)  
 RLI Division of Ser. No. US 1993-145827, filed on 29 Oct 1993 which is a continuation-in-part of Ser. No. US 1991-745384, filed on 14 Aug 1991, now abandoned  
 DT Utility  
 FS Granted  
 LN.CNT 820  
 INCL INCLM: 435/007.100  
 INCLS: 435/007.920; 435/007.950; 436/518.000  
 NCL NCLM: 435/007.100  
 NCLS: 435/007.920; 435/007.950; 436/518.000  
 IC [6]  
 ICM: G01N033-53  
 EXF 435/7.1; 435/7.9; 435/7.92; 435/7.93; 435/7.94; 435/7.95; 436/518  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 102 OF 102 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN 2000-257071 [22] WPIDS  
 DNN N2000-191070 DNC C2000-078630  
 TI Early detection of central nervous system damage, useful e.g. for assessing treatment of \*\*\*brain\*\*\* \*\*\*tumors\*\*\*, by detecting high levels of \*\*\*tau\*\*\* protein.  
 DC B04 D16 S03  
 IN HULSTAERT, F; VANDERSTICHELE, H; VANMECHELEN, E  
 PA (INNO-N) INNOGENETICS NV  
 CYC 89  
 PI WO 2000014546 A1 20000316 (200022)\* EN 40p G01N033-68  
 STN INTERNATIONAL LOGOFF AT 16:48:59 ON 30 OCT 2003